



## **Addressing Educational Inequalities Through School-Based Interventions for Low-Income Students in Delhi**

**Nainika**

Research Scholar, School of Humanities, Sunrise University, Alwar, Rajasthan.

**Dr. Sanjay Singh Chauhan**

School of Humanities, Sunrise University, Alwar, Rajasthan.

*Email: Kaushiknaina0729@gmail.com*

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### **ABSTRACT**

This study underscores the persistent educational inequalities faced by low-income students in Delhi, highlighting the urgent need for targeted school-based interventions. These students encounter a complex interplay of socio-economic, structural, and emotional barriers that impede academic progress. Contributing factors include inadequate access to educational resources, overcrowded classrooms, poorly trained teachers, and insufficient infrastructure. Effective school-based interventions—such as remedial education, emotional support programs, mentorship, and parental engagement are essential to bridging these gaps. The success of such initiatives, however, hinges on community participation, sustained funding, and context-sensitive strategies. Through investing in comprehensive and inclusive interventions, stakeholders can significantly enhance learning outcomes and promote educational equity. These efforts not only support individual students but also serve as transformative measures to break the cycle of poverty and advance social justice in education.

**Keywords:** *Educational disparity, Low-income students, School-based interventions, Academic support, educational equity.*

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### **I. Introduction**

In the context of India, particularly in urban centres like Delhi, disparities in educational outcomes are starkly evident. These disparities are largely driven by socio-economic factors, including limited access to resources, poor infrastructure, undertrained teachers, and the challenges that come with poverty such as malnutrition, family instability, and a lack of academic support at home. To address these inequities, school-based interventions have emerged as a vital strategy for enhancing the educational experiences and outcomes of students from low-income backgrounds. The core purpose of these interventions is to level the playing field, providing these students with the necessary

academic and socio-emotional support to overcome their challenges and improve their performance in school. Delhi, with its rapidly growing population and socio-economic divide, presents both a significant challenge and a unique opportunity to study the effectiveness of school-based interventions. The city is home to a diverse population, where affluent neighbourhoods exist side by side with low-income slums and underprivileged communities. Moreover, many of these students grapple with socio-emotional challenges that impede their ability to concentrate, engage with teachers, and perform well academically. In response to these issues, several school-based interventions have been introduced over the years, targeting a range of issues, including academic support, student engagement, and parental involvement, all aimed at improving the educational outcomes of students from low-income families in Delhi.

School-based interventions come in various forms, each designed to address specific barriers to student achievement. Academic support programs such as after-school tutoring, remedial classes, and specialized subject instruction are among the most common strategies. Programs that provide mentorship, counselling, and psychosocial support are integral to addressing the emotional and psychological barriers to learning. For many students from low-income families, issues such as anxiety, depression, and lack of self-confidence can interfere with their academic performance. School-based programs that offer emotional support and guidance not only help students manage their emotions but also foster a more positive attitude toward learning. Furthermore, the role of parental involvement cannot be overstated in improving student performance. Many low-income families face difficulties in providing adequate academic support at home due to their own educational limitations or financial struggles. Interventions aimed at increasing parental engagement, such as regular communication with teachers, workshops on how to support learning at home, and involvement in school activities, have proven to be effective in improving student outcomes.

Despite the promising potential of school-based interventions, their effectiveness is not uniform and can vary greatly depending on the nature of the program, the level of community involvement, and the resources available. In some cases, interventions may not be able to reach all students who need support, or they may face logistical challenges such as a lack of trained teachers or inadequate funding. Furthermore, the success of these programs is often contingent upon a complex interplay of factors such as the socio-economic context, the quality of the school infrastructure, and the level of community participation. In particular, while many interventions focus on academic skills, there is growing recognition that addressing the holistic needs of students is essential for fostering long-term success. This includes not only academic support but also the cultivation of social skills, emotional well-being, and a sense of belonging in the school community. The aim of this research is to assess the effectiveness of these various school-based interventions in improving the academic performance of students from low-income families in Delhi. Through examining existing programs, their outcomes, and the challenges they face, the study will provide valuable insights into which interventions are most effective, and how they can be scaled or improved to better serve the needs of disadvantaged students. Through this study, we aim to contribute to a better understanding of the role that schools can play in mitigating the effects of socio-economic disadvantage on educational achievement. As the education system in Delhi continues to evolve, it is crucial to evaluate the

impact of school-based interventions, as they offer a promising avenue for improving educational outcomes in a city where economic disparities are deeply entrenched. The findings from this study will not only inform educators and policymakers about the most effective strategies for supporting low-income students but will also offer practical recommendations for enhancing the design and implementation of future interventions.

## **II. Educational Inequality and the Role of School-Based Interventions in Delhi**

Education is universally recognized as a critical tool for social mobility and economic growth. It empowers individuals with the skills and knowledge necessary to improve their quality of life, break the cycle of poverty, and contribute meaningfully to society. These barriers ranging from limited access to educational resources to socio-economic challenges create a cycle of inequality that significantly impacts the academic performance of children from disadvantaged backgrounds. In urban centres like Delhi, where socio-economic disparities are starkly evident, these challenges are even more pronounced, making education a critical area for intervention.

**Barriers to Academic Success for Low-Income Students:** Students from low-income families often lack access to essential educational resources that are vital for academic success. These resources can include quality textbooks, access to technology, extra-curricular activities, and even a quiet and stable environment at home conducive to studying. Moreover, underperforming school systems, particularly in underserved areas, further exacerbate these challenges. In Delhi, many schools in economically disadvantaged neighbourhoods struggle with overcrowded classrooms, poorly trained teachers, and outdated teaching materials, all of which contribute to a less effective learning experience. In addition to these structural issues, socio-economic factors like malnutrition, family instability, and a lack of parental involvement in education further hinder a child's ability to perform well academically. These barriers create a persistent achievement gap, which affects the long-term prospects of students from low-income backgrounds.

**The Need for School-Based Interventions:** School-based interventions have emerged as a critical strategy to address the academic disparities faced by students from disadvantaged families. These interventions are designed to target specific academic, emotional, and social challenges that hinder student success. Through providing additional academic support, such as after-school tutoring and remedial classes, these programs help students catch up with their peers and ensure that they receive the necessary academic instruction to succeed. Additionally, school-based interventions often focus on engaging students emotionally and socially, offering mentorship, counselling, and psychosocial support. These elements are particularly important for students who struggle with low self-esteem, anxiety, or other emotional barriers to learning.

**Enhancing Student Engagement and Motivation:** One of the primary goals of school-based interventions is to increase student engagement and motivation, which are often lower among low-income students. Many of these students face emotional and psychological challenges that affect their ability to concentrate, participate in class, and retain information. Interventions that provide mentorship, counselling, and group activities can help address these issues by offering emotional

support, building students' self-confidence, and fostering a positive attitude toward learning. Moreover, by creating a more engaging and supportive learning environment, these programs make school more appealing and accessible to students who may otherwise be disengaged or apathetic.

**Creating a Supportive Learning Environment:** Beyond academic support and emotional well-being, school-based interventions focus on creating a positive and supportive school culture that fosters a sense of belonging. For students from low-income families, schools can often feel like places of alienation due to differences in socio-economic status. Interventions aimed at enhancing school climate through initiatives like peer support programs, extracurricular involvement, and inclusive school policies help integrate students into the larger school community.

**Equalizing Educational Opportunities:** Through addressing the specific needs of low-income students, these interventions help level the playing field. They not only provide academic support but also equip students with the emotional and social tools needed to thrive in school and beyond. As a result, these programs play a pivotal role in breaking the cycle of poverty, allowing students from disadvantaged backgrounds to reach their full potential and achieve academic success.

### **III. Barriers to Academic Success for Low-Income Students in Delhi**

Education is a key determinant of success in life, offering individuals the chance to break out of cycles of poverty and achieve social mobility. However, for students from low-income families, accessing quality education and excelling academically is often a formidable challenge. These students face numerous barriers that undermine their academic performance and long-term prospects. In Delhi, one of India's most populous and economically diverse cities, the academic struggles of low-income students are particularly stark. These barriers are rooted in a combination of structural, socio-economic, and institutional challenges, all of which contribute to a persistent achievement gap between students from wealthier and low-income backgrounds. The following points outline the key barriers to academic success for low-income students in Delhi.

**Lack of Access to Essential Educational Resources:** One of the most significant barriers to academic success for low-income students is their lack of access to essential educational resources. These resources are crucial for students to thrive academically and include quality textbooks, educational technology, extracurricular activities, and a stable environment conducive to learning. In many low-income households, families cannot afford to purchase textbooks, notebooks, or other learning materials. This lack of resources directly impacts students' ability to keep up with their lessons, complete assignments, and study for exams. Moreover, access to technology an increasingly important tool in modern education—is also limited for many students from low-income families in Delhi. Digital learning tools, such as computers, tablets, and internet connectivity, have become vital components of the educational process, especially in the context of online learning and digital classrooms. However, many students from disadvantaged backgrounds lack the infrastructure at home to benefit from such technology. This digital divide exacerbates the educational inequality that already exists, leaving students without the tools they need to engage with modern curricula and educational resources. In addition to academic resources, extracurricular activities that promote

social skills, physical health, and intellectual growth are often unavailable to students from low-income backgrounds. These activities, including sports, music, art, and debate, offer important opportunities for skill development and personal growth. However, the cost associated with such activities is often out of reach for students in low-income families, further contributing to their marginalization in the education system. Without these holistic learning experiences, low-income students miss out on opportunities to develop skills that are critical not only for academic success but also for their overall development. Finally, the home environment plays a crucial role in academic performance. A quiet and stable space for studying, along with emotional and academic support from family members, is essential for success in school. Unfortunately, many low-income families live in overcrowded and unstable conditions, where the lack of space, noise, and domestic stress hinders a child's ability to focus on their studies. In many cases, parents in low-income households work multiple jobs or face their own educational limitations, leaving little time or ability to provide academic support or guidance. These challenges make it extremely difficult for students to concentrate on their studies, ultimately impacting their academic performance.

**Underperforming School Systems and Infrastructure Challenges:** In Delhi, a significant number of students from low-income families attend government schools located in economically disadvantaged neighbourhoods. These schools are often plagued by infrastructural and institutional challenges that impede the academic success of their students. One of the major issues is overcrowded classrooms. Due to a high student-to-teacher ratio, many schools in low-income areas struggle to provide individualized attention to students, making it difficult for teachers to address the specific learning needs of each student. This lack of personalized attention is particularly detrimental to students who are struggling academically or who require additional support. Furthermore, many of these schools suffer from poorly trained teachers. While there are qualified teachers in the system, the quality of education in low-income areas is often compromised due to a lack of professional development opportunities, inadequate teaching methods, and insufficient instructional materials. Teachers in these schools are often overworked and underpaid, and many lack the resources and training required to implement effective teaching strategies. As a result, the education provided to students from low-income families tends to be less engaging and less effective, which can lead to disengagement and poor academic outcomes. Another critical issue is the outdated or inadequate teaching materials. Many government schools in low-income areas are unable to provide up-to-date textbooks, learning tools, or educational technology. The curriculum often remains static and disconnected from the current educational demands of the modern world. For students from disadvantaged backgrounds, this lack of updated resources can significantly hinder their learning experience. Without the opportunity to interact with modern teaching tools and curricula, students in these schools may fall behind their peers in more affluent areas who have access to better resources and teaching environments. The physical infrastructure of many schools in low-income neighbourhoods is also a significant barrier. These schools often lack basic amenities like functioning classrooms, clean toilets, safe drinking water, and proper sanitation facilities. These deficiencies not only make it difficult for students to learn but also create an unsafe and unhealthy environment that can further contribute to absenteeism and poor academic performance. In such schools, where infrastructure is compromised, students are less likely to feel motivated to attend regularly, leading to a direct impact on their academic achievement.



**Socio-Economic Factors Affecting Student Performance:** In addition to the structural challenges of underperforming school systems, students from low-income families face a range of socio-economic factors that contribute to their academic struggles. Malnutrition is one of the most significant of these factors. Poor nutrition can impair cognitive function and concentration, leading to lower academic performance. Many children in low-income families experience chronic undernutrition or food insecurity, which not only affects their physical health but also their ability to focus and learn effectively. Malnutrition is particularly detrimental during critical stages of brain development and can have long-term effects on a child's educational outcomes. Family instability is another socio-economic factor that affects students' ability to succeed academically. Students from low-income households are more likely to experience instability in their home lives, including issues such as parental separation, domestic violence, and substance abuse. These stressors can lead to emotional and psychological challenges, which interfere with a child's ability to concentrate on their studies. Furthermore, these challenges often result in lower parental involvement in education, as parents may be preoccupied with financial struggles or unable to offer academic support due to their own lack of education. A lack of parental involvement in education is another critical issue for students from low-income families. Research has shown that parental engagement in a child's education is one of the most significant predictors of academic success. However, many parents from low-income households face challenges in supporting their children's education. This can be due to limited education themselves, long working hours, or financial constraints that prevent them from participating in school events or helping with homework. When parents are unable to actively engage with their child's schooling, students may lack the motivation or guidance needed to excel academically, further perpetuating the cycle of educational disadvantage.

### **The Need for School-Based Interventions to Address Educational Disparities**

School-based interventions have become an essential strategy in addressing the academic disparities faced by students from disadvantaged backgrounds. These interventions are specifically designed to target the various academic, emotional, and social challenges that hinder the success of students from low-income families. In many cases, these students lack the resources and support necessary for academic achievement, which can create a significant achievement gap. School-based programs, such as after-school tutoring and remedial classes, aim to bridge this gap by providing additional academic support. These programs offer personalized instruction, helping students catch up with their peers in subjects they may be struggling with. For students who struggle with issues such as low self-esteem, anxiety, or family instability, these interventions provide a supportive environment where students can receive mentorship, counselling, and psychosocial assistance. This holistic approach not only targets the academic challenges but also nurtures the emotional resilience of students, helping them overcome personal barriers to learning. Such interventions are particularly vital in schools in economically disadvantaged areas, where students may face additional stressors at home or in their communities.

## **Enhancing Student Engagement and Motivation Among Low-Income Students**

Student engagement and motivation are crucial factors in academic success, but they are often lower among students from low-income backgrounds. The emotional toll of socio-economic difficulties, family instability, or a lack of basic needs such as food and security can make it difficult for students to connect with their learning. As a result, many low-income students experience disengagement and apathy toward education, which can create a cycle of underachievement and low academic performance. School-based interventions are critical in addressing these challenges by providing the necessary support to help students overcome these emotional barriers and foster a more positive outlook on education. Through mentorship programs, counselling services, and structured group activities, these interventions offer emotional support that helps build students' self-confidence, reduce anxiety, and enhance their overall mental well-being. Creating an engaging and supportive learning environment is central to increasing student motivation. Interventions that offer personalized attention, such as one-on-one mentorship or small-group tutoring, ensure that students receive the individual support they need. This not only helps them academically but also makes them feel valued and heard within the school system. Through making the learning experience more interactive, relevant, and supportive, school-based interventions help foster a positive attitude toward education, making school more appealing and accessible to students who might otherwise be disengaged. This approach not only improves academic outcomes but also helps students develop the resilience and motivation they need to succeed in the face of adversity.

## **IV. RELATED REVIEWS**

**Zada et al. (2021)** Through their research, the authors highlighted the often-overlooked area of student mental health within the broader public health framework. Their findings emphasize the importance of raising awareness not only among students but also among parents and university administrators. The study advocates for the development and implementation of effective intervention strategies aimed at addressing mental health concerns in educational institutions. Through promoting mental well-being, these strategies are expected to foster academic success and create a supportive environment conducive to learning.

**Bunce and Bennett (2021)** examined the impact of market-driven approaches on students' perceptions of higher education, particularly focusing on how the emphasis on graduate employability and earnings data shapes student identity. Their study explored whether students increasingly see themselves as consumers who purchase degrees primarily as commodities to enhance their future financial prospects. This shift towards viewing education through a market lens raises important questions about students' sense of responsibility and engagement during their studies. The authors highlighted concerns that treating degrees as products could influence students' attitudes, potentially reducing their academic commitment to merely transactional interactions with educational institutions. The study also emphasized the broader implications of marketization in higher education, including how it may affect students' motivations and expectations. Overall, Bunce and Bennett's work contributes to the ongoing debate about the commercialization of education and its effects on student identity, urging educational policymakers and institutions to consider the

consequences of framing degrees predominantly as economic investments rather than holistic learning experiences. Their findings call for a careful balance between preparing students for employment and fostering genuine academic engagement.

**Pekpazar et al. (2021)** explored the growing issue of social media addiction among university students, focusing particularly on Instagram use. Their study highlights how the widespread engagement with social media platforms has negatively impacted students' well-being and academic performance. Through their analysis, the authors found that self-esteem plays a crucial role in this dynamic. Specifically, lower self-esteem was directly linked to higher levels of Instagram addiction and increased procrastination behaviours. Additionally, self-esteem was shown to influence academic performance indirectly, with procrastination acting as a mediating factor. This means that students with lower self-esteem are more likely to procrastinate, which in turn negatively affects their academic success. The findings emphasize the importance of addressing psychological factors such as self-esteem to mitigate social media addiction and its adverse effects.

**Le Roux et al. (2021)** Their study highlighted that extensive use of online media is a common behaviour al trait within this population. The research identified two key findings: first, students frequently switch between academic tasks and various online media platforms during their study sessions; second, this pattern of behaviour tends to have a negative impact on academic outcomes. Despite these observations, the study noted that the direct connection between overall media use, including media multitasking, and academic performance remains unclear. The findings suggest that while frequent engagement with digital media is typical, its influence on learning effectiveness and academic success is complex and warrants further investigation. The review underscores the importance of addressing media multitasking behaviour s to potentially improve educational outcomes in university settings.

**Alhazmi et al. (2021)** Importantly, the research revealed that students with SCD reported better academic outcomes when participating in online education, suggesting that flexible learning methods could help mitigate some of the challenges they face. The authors stressed the need for larger-scale national studies to provide a more comprehensive understanding of SCD's effects on education across broader populations. Moreover, they advocated for the development and implementation of supportive online educational programs tailored to the needs of students with SCD. This approach could offer more inclusive learning environments and improve educational attainment for this vulnerable group. Overall, the study calls for collaborative efforts between health and education authorities to address the academic difficulties of students with SCD through research and innovative educational strategies.

**Lee, Lim, Allen, and Choi (2021)** The research focused specifically on students who reported achieving high grades (A or B) in the previous academic year, 2019, before the pandemic began. By narrowing the sample to this group, the study aimed to assess whether the disruptions caused by COVID-19, along with students' attitudes and fears about the virus, contributed to a decline in their academic results. The findings highlighted that both students' learning attitudes and their level of concern about COVID-19 played important roles in shaping their academic outcomes. This suggests



that even high-achieving students faced challenges maintaining their performance amid the uncertainty and changes brought by the pandemic. Overall, this research provides valuable insight into how external factors like a global pandemic can impact student motivation and achievement, emphasizing the need for schools to consider these dimensions when designing interventions during such disruptive periods.

**Tadese, Yeshaneh, and Mulu (2022)** explored the impact of various factors on academic performance among students, emphasizing education's crucial role in developing skilled human resources that drive economic growth and address community challenges. Their study revealed that 66% of the students achieved good academic results, highlighting a generally positive academic outcome within the sample. The research identified several significant factors associated with better academic performance. Notably, students aged 20 to 24 years were less likely to perform well academically, suggesting age-related challenges may influence study outcomes. Additionally, students enrolled in medical and health faculties showed higher odds of good academic performance, indicating that discipline or faculty may play a role in academic success.

**Foong, Liew, and Lye (2022)** The study tracked the students' motivation throughout this period and analyzed its connection to their academic outcomes. The findings revealed important insights into the dynamics of motivation in engineering education, showing that fluctuations in motivation could influence students' academic success and persistence. This study highlights the need for educational strategies that continuously foster and sustain motivation to reduce dropout rates and improve performance in engineering programs. By addressing motivation as a dynamic construct, the research contributes valuable knowledge to understanding student engagement and retention, suggesting that universities should implement targeted support systems to maintain motivation and promote academic achievement among engineering students.

**Wagner et al. (2022)** The study focused on the persistent challenge of low student throughput rates at South African universities, where a significant number of students fail to complete their degrees within the expected duration. With increasing awareness of student well-being and mental health concerns, particularly depression, the research aimed to investigate the relationship between depressive symptoms and academic performance in a South African context. Depression, though widely recognized as a common issue among university students, has not been sufficiently explored in local academic environments. This research attempted to bridge that gap by examining how depressive symptoms might influence students' academic success. The study emphasizes the importance of understanding mental health challenges within the educational sector, especially in regions where such issues are often underreported or inadequately addressed. The findings highlight the need for more comprehensive support systems and mental health resources in higher education to enhance student retention and academic achievement in South Africa.

**Samim et al. (2022)** The study explored the important role universities play in promoting health and wellbeing to support academic success, facilitate smoother career transitions, and encourage lifelong healthy habits among students. It acknowledged increasing concerns about the mental health challenges faced by university students and how these difficulties can negatively impact their

academic performance. The research highlighted the need for universities to actively address student wellbeing as a critical factor in their overall development and future success. This limitation restricts a full understanding of the complex interactions between mental wellbeing and academic achievement within various university populations. The findings suggest that more extensive, longitudinal research is necessary to capture these dynamics comprehensively, enabling universities to develop more targeted and effective interventions. Overall, the study contributes to the growing awareness of mental health as a vital component of student success and calls for further investigation to better inform policy and practice in higher education institutions.

**Jahan et al. (2022)** Recognizing the limited research focused on dental education, the authors systematically searched multiple academic databases, including PubMed, EMBASE, Web of Science, and others, for relevant English-language studies published between 2001 and 2020. The review aimed to gather empirical evidence on how emotional intelligence influences both academic performance and the ability to cope with stress in this particular student population. The comprehensive search strategy and inclusion of diverse academic resources strengthened the review's credibility. Overall, this study fills a critical gap by focusing on the dental education sector and underscores the need for further research to develop targeted interventions that support emotional intelligence development, ultimately improving students' well-being and academic achievement.

**Faimau, Tihowe, and Tlhaolang (2022)** explored the role of smartphones within higher education, emphasizing their growing influence in today's digital era. While previous research primarily investigated how smartphone use affects students' academic performance, this study shifted focus to examine how gender differences and specific learning environments influence the way students utilize smartphones for academic purposes. The study highlighted that students' gender and their experiences within particular educational settings play a significant role in shaping how smartphones are integrated into their learning processes. Such findings encourage educators and policymakers to consider these differences when developing strategies to optimize smartphone use as an academic tool, ensuring that learning environments and gender-specific needs are addressed effectively.

**Al Husaini and Shukor (2022)** explored the importance of students' academic performance as a key indicator for evaluating their progress within a university setting. Their study emphasized that academic performance plays a crucial role not only for students but also for academic staff, administrators, and decision-makers who rely on this information to monitor and assess students' achievements across different courses during a semester. Furthermore, the study pointed out that academic results serve as a valuable feedback mechanism for students themselves, enabling them to reflect on their current performance levels and motivate efforts toward improvement. This dual role of academic performance as both an evaluative and developmental tool was stressed as essential for fostering a productive learning environment. Overall, the research contributed to understanding how academic performance functions as a foundational measure in educational institutions, supporting effective decision-making, and encouraging students to take responsibility for their academic growth.

**Yu et al. (2022)** The research employed the widely recognized Rosenberg Self-Esteem Scale (RSES) to measure students' self-esteem and explore its relationship with academic performance. Through focusing on rural and developing areas where educational support may be limited, the study fills a notable gap in existing research. It underscores the critical role psychological factors play in academic success and advocates for educational strategies and policies that foster self-esteem to improve students' overall learning outcomes.

## **V. CONCLUSION**

In conclusion, the persistent educational disparities faced by low-income students in Delhi underscore the urgent need for effective, targeted school-based interventions. As this study highlights, students from underprivileged backgrounds face a complex web of socio-economic, structural, and institutional challenges that hinder their academic success. These challenges range from inadequate access to essential learning resources and digital tools, to emotional and psychological barriers that impair concentration and engagement. Furthermore, the underperformance of school systems in low-income areas—marked by overcrowded classrooms, undertrained teachers, and poor infrastructure—exacerbates the achievement gap, making quality education an elusive goal for many. School-based interventions play a pivotal role in addressing these multifaceted barriers. Programs that provide academic support, such as remedial classes and after-school tutoring, are essential in helping students bridge learning gaps. Equally important are initiatives focused on emotional well-being, mentorship, and creating a positive school culture that fosters belonging and motivation. The inclusion of parents through engagement strategies further strengthens the support system around students, enhancing their educational outcomes. However, the success of these interventions depends heavily on effective implementation, community involvement, and sustainable funding. It is crucial for educators, policymakers, and stakeholders to adopt a holistic and context-sensitive approach that addresses not only academic needs but also the emotional and environmental factors that influence learning. While progress has been made, there is a clear need to evaluate, adapt, and scale successful models of intervention to ensure that no child is left behind due to socio-economic disadvantage.

## **REFERENCES**

1. Zada, S., Wang, Y., Zada, M., & Gul, F. (2021). Effect of mental health problems on academic performance among university students in Pakistan. *Int. J. Ment. Health Promot*, 23, 395-408.
2. Bunce, L., & Bennett, M. (2021). A degree of studying? Approaches to learning and academic performance among student 'consumers'. *Active Learning in Higher Education*, 22(3), 203-214.
3. Pekpazar, A., Aydın, G. K., Aydın, U., Beyhan, H., & Arı, E. (2021). Role of instagram addiction on academic performance among Turkish university students: mediating effect of procrastination. *Computers and Education Open*, 2, 100049.

4. Le Roux, D. B., Parry, D. A., Totolo, A., Iyawa, G., Holloway, J., Prenter, A., & Botha, L. (2021). Media multitasking, online vigilance and academic performance among students in three Southern African countries. *Computers & Education*, 160, 104056.
5. Alhazmi, A., Hakami, K., Abusageah, F., Jaawna, E., Khawaji, M., Alhazmi, E., ... & Qumayri, G. (2021). The impact of sickle cell disease on academic performance among affected students. *Children*, 9(1), 15.
6. Lee, J., Lim, H., Allen, J., & Choi, G. (2021). Effects of learning attitudes and COVID-19 risk perception on poor academic performance among middle school students. *Sustainability*, 13(10), 5541.
7. Tadese, M., Yeshaneh, A., & Mulu, G. B. (2022). Determinants of good academic performance among university students in Ethiopia: a cross-sectional study. *BMC Medical Education*, 22(1), 395.
8. Foong, C. C., Liew, P. Y., & Lye, A. J. (2022). Changes in motivation and its relationship with academic performance among first-year chemical engineering students. *Education for Chemical Engineers*, 38, 70-77.
9. Wagner, F., Wagner, R. G., Kolanisi, U., Makuapane, L. P., Masango, M., & Gómez-Olivé, F. X. (2022). The relationship between depression symptoms and academic performance among first-year undergraduate students at a South African university: a cross-sectional study. *BMC public health*, 22(1), 2067.
10. Sanci, L., Williams, I., Russell, M., Chondros, P., Duncan, A. M., Tarzia, L., ... & Minas, H. (2022). Towards a health promoting university: descriptive findings on health, wellbeing and academic performance amongst university students in Australia. *BMC Public Health*, 22(1), 2430.
11. Jahan, S. S., Nerali, J. T., Parsa, A. D., & Kabir, R. (2022). Exploring the association between emotional intelligence and academic performance and stress factors among dental students: a scoping review. *Dentistry journal*, 10(4), 67.
12. Faimau, G., Tlhowe, K., & Tlhaolang, O. (2022). Smartphone use, experience of learning environment, and academic performance among university students: a descriptive appraisal. *Advances in Human-Computer Interaction*, 2022(1), 2617596.
13. Al Husaini, Y. N. S., & Shukor, N. S. A. (2022). Factors affecting students' academic performance: A review. *Res Militaris*, 12(6), 284-294.
14. Yu, W., Qian, Y., Abbey, C., Wang, H., Rozelle, S., Stoffel, L. A., & Dai, C. (2022). The role of self-esteem in the academic performance of rural students in China. *International Journal of Environmental Research and Public Health*, 19(20), 13317.