DAJE Volume 02 (1) 2026 [January-June]
Published on: 26 August, 2026

Received: 06 December, 2025 /Revised: 16 July, 2026/Accepted: 17 July

Influence of Bullying on Academic Achievement among Secondary School Students and School Climate

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Abstract

This paper adopts a conceptual research design, and has employed a systematic thematic synthesis of global and Indian literature to critically examine the multidimensional impact of bullying on academic achievement and school climate among secondary school students. Bullying is one of the most pervasive threats to student well-being and educational attainment in secondary schools globally, yet it remains significantly underexamined within Indian educational research, particularly in the context of Uttar Pradesh. Anchored in Bronfenbrenner's Ecological Systems Theory and the School Climate Theory proposed by Cohen et al., the paper positions bullying as both an interpersonal and an institutional-level phenomenon embedded within socio-ecological school systems. Through a systematic thematic synthesis of global and Indian literature, the paper argues that bullying impairs academic outcomes by disrupting students' emotional security, cognitive engagement, classroom participation, intrinsic motivation, and attendance. Furthermore, bullying corrodes the broader school climate by cultivating a culture of fear, social fragmentation, diminished teacher-student trust, and weakened institutional norms. School climate is identified as both a mediator and moderator of the bullying-achievement relationship: supportive climates buffer the academic harm caused by bullying, while hostile or neglectful climates exacerbate it. The paper proposes an original integrated conceptual model mapping these relationships within the schooling context of Uttar Pradesh, where structural barriers including overcrowded classrooms, authoritarian pedagogy, limited psychosocial support, and absent anti-bullying policies intensify the vulnerability of students. The paper concludes with evidence-informed recommendations for systemic, climate-centered anti-bullying interventions, inclusive teacher professional development, and policy-level reform.

Keywords: *Bullying, academic achievement, school climate, secondary education, psychosocial safety*

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Published by: Department of Education, Doctor Harisingh Gour Vishwavidyalaya, Sagar (MP)

Introduction

Bullying in schools has emerged as one of the most consequential challenges facing educational systems worldwide. Defined as intentional, repeated aggression characterised by a power imbalance between perpetrator and victim (Olweus, 1993), bullying manifests in physical, verbal, relational, and cyber forms, each with distinct yet interrelated consequences for student development and institutional functioning. In secondary schools, where adolescent identity formation intersects with escalating academic demands and complex peer dynamics, the repercussions of bullying are particularly pronounced.

A substantial body of international research confirms that bullying detrimentally affects students' academic achievement, attendance, concentration, and motivation (Espelage & Swearer, 2010; Juvonen & Graham, 2014). At the institutional level, persistent bullying erodes the broader school climate, those shared norms, relational dynamics, and perceived safety conditions that fundamentally shape the quality of the learning environment (Cohen et al., 2009). The interplay between bullying, school climate, and academic achievement is therefore not merely an interpersonal concern but a systemic educational challenge requiring theoretical and policy attention.

Uttar Pradesh, India's most populous state and one characterised by significant demographic diversity and educational inequality, presents a uniquely urgent context for this analysis. Many secondary schools in the state confront structural barriers, high student-to-teacher ratios, inadequately trained teachers, limited counselling services, and the near-total absence of formal anti-bullying policies, that intensify the prevalence and consequences of bullying. While the National Education Policy (NEP, 2020) envisions holistic, inclusive, and safe learning ecosystems for all Indian children, bullying remains systematically under addressed in both educational practice and scholarship, particularly in large Hindi-belt states like Uttar Pradesh. Recent Indian data reinforce this urgency: state and national school-safety surveys conducted since 2022 continue to report bullying and peer victimisation among the most under-reported disciplinary concerns in government secondary schools, with Uttar Pradesh's pupil-teacher ratios and counselling-staff shortages compounding the problem. This persistent evidentiary and policy gap, despite NEP 2020's stated commitments, underscores the need for the theoretically grounded synthesis this paper undertakes.

This paper addresses these lacunae through a conceptual analysis grounded in two complementary theoretical frameworks. Bronfenbrenner's (1979) Ecological Systems

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Theory frames bullying as a microsystem-level phenomenon with consequences rippling outward through mesosystem and macrosystem influences including institutional structures, community norms, and cultural values, all of which shape academic achievement. School Climate Theory (Cohen et al., 2009) further illuminates how institutional conditions of safety, relational trust, instructional quality, and organisational coherence mediate the impact of bullying on academic outcomes. Together, these frameworks reveal bullying not as an isolated behavioural incident but as a manifestation of deeper ecological and institutional dysfunction.

Review of Literature

Conceptualising Bullying in Educational Contexts

Bullying has long been recognised as a critical concern in educational psychology and policy. Olweus (1993) provided the foundational definition, characterising bullying as intentional, repeated aggression marked by a power differential between aggressor and victim. Subsequent scholarship expanded this conceptualisation to encompass physical violence, verbal harassment, relational exclusion, and more recently, cyberbullying, each with distinct yet overlapping consequences for student well-being (Smith & Brain, 2000; Espelage & Swearer, 2010). In adolescent school environments, bullying functions as a mechanism through which peer hierarchies are enacted, social dominance asserted, and marginalisation institutionalised (Hymel & Swearer, 2015).

Within India, research on bullying has grown substantially but remains unevenly distributed geographically and methodologically. Existing studies indicate that bullying is prevalent across private and government schools and manifests in culturally specific forms, including caste-based teasing, socio-economic ridicule, and academic shaming (Kundu & Sirin, 2018). In Uttar Pradesh, where caste hierarchies and resource constraints intersect within educational spaces, these culturally embedded forms of bullying remain inadequately studied and largely invisible in policy discourse.

Bullying and Academic Achievement

Academic achievement is a multidimensional construct encompassing cognitive performance, examination outcomes, classroom engagement, attendance, and academic motivation. A substantial body of international research demonstrates that bullying exerts a consistent and significant negative effect on these dimensions. Victimised students

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frequently experience heightened anxiety, diminished concentration, school avoidance, reduced participation in academic activities, and lowered academic self-efficacy (Juvonen & Graham, 2014; Nakamoto & Schwartz, 2010).

The mechanisms through which bullying harms academic achievement are multiple and interconnected. First, bullying induces psychological distress, including fear, depression, and learned helplessness, that impairs cognitive processing and working memory (Rueger & Jenkins, 2016). Second, the fear of peer victimisation leads students to disengage from academic and co-curricular activities to minimise social exposure (Buhs, Ladd, & Herald, 2006). Third, chronic bullying undermines self-efficacy and intrinsic motivation, diminishing long-term academic aspirations (Totura et al., 2014). Fourth, the resulting absenteeism compounds cumulative academic disadvantage (Beran & Lupart, 2009). Meta-analytic evidence confirms that victimised students score significantly lower across reading, mathematics, and science relative to non-victimised peers, and longitudinal studies demonstrate that these deficits persist across years (Nakamoto & Schwartz, 2010; Skrzypiec et al., 2014).

Indian scholarship corroborates these trends. Studies across Delhi, Haryana, and Uttar Pradesh confirm that bullied students demonstrate reduced academic engagement, diminished attention spans, and lower examination performance (Singh & Sarkar, 2019). The absence of school-based mental health infrastructure disproportionately affects students in socio-economically challenged regions, amplifying their vulnerability to the academic consequences of victimisation.

Bullying and School Climate

School climate encompasses the lived experience of school life, shaped by shared norms and values, relational quality among students and staff, instructional practices, and perceptions of safety (Cohen et al., 2009). Research consistently positions bullying as both a cause and consequence of a negative school climate. Where bullying is frequent, tolerated, or concealed, it signals and reinforces a breakdown in institutional norms of safety, respect, and inclusivity. Bullying erodes school climate through several interrelated pathways: it diminishes students' and teachers perceived physical and emotional safety (Thapa et al., 2013); it generates social distrust and peer isolation, undermining the collaborative foundations of learning; it normalises fear as part of the school experience; and it shifts institutional energy away from academic norms toward social survival. Schools where

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bullying goes unchallenged report lower student connectedness, reduced belonging, and weakened institutional support (Swearer et al., 2010). Conversely, schools characterised by relational trust, clear behavioural expectations, and consistent enforcement demonstrate significantly lower bullying prevalence and higher academic attainment (Bryk & Schneider, 2002).

The school climate challenges facing institutions in Uttar Pradesh are particularly acute. High student-teacher ratios limit supervision and relational capacity; inadequate professional development leaves teachers ill-equipped to recognise or respond to bullying; authoritarian disciplinary cultures suppress student voice; and limited child protection policies create structural impunity for aggressors. These conditions collectively weaken the institutional climate's protective capacity.

School Climate as Mediator and Moderator

Recent empirical work reveals that school climate does not merely co-occur with bullying but actively mediates and moderates the bullying-achievement relationship. As a mediator, school climate represents the pathway through which bullying transmits its impact on academic outcomes, bullying degrades climate, and degraded climate impairs achievement. As a moderator, school climate conditions the strength of this relationship: positive climates attenuate the academic harm caused by bullying, while negative climates amplify it (Wang & Degol, 2016; Gage et al., 2014).

Four specific mediating mechanisms have been identified in the literature. Perceived safety functions as a mediator: students who experience school as safe and predictable maintain greater academic engagement even in the presence of interpersonal conflict (Cornell & Huang, 2016). Supportive teacher-student relationships mitigate the psychological distress caused by bullying, thereby preserving academic motivation (Wentzel, 2012). Positive peer norms reduce opportunities for bullying while enhancing collaboration and prosocial engagement, indirectly supporting academic performance (Espelage et al., 2013). Finally, institutional trust—the degree to which students trust school authorities to respond fairly and effectively, increases the likelihood of bullying reporting and reduces academic disengagement (Gottfredson et al., 2005).

In the Indian context, studies report that students in educational environments perceived as caring, equitable, and participatory demonstrate lower peer aggression, stronger academic motivation, and better examination outcomes (Jha & Jhingran, 2020). However, the

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structural conditions prevalent in Uttar Pradesh's secondary schools, particularly authoritarian pedagogy, teacher shortages, and negligible psychosocial infrastructure, substantially limit the capacity of school climate to serve as a protective buffer.

Theoretical Framework

Bronfenbrenner's Ecological Systems Theory (1979)

Bronfenbrenner's Ecological Systems Theory posits that human development is shaped by nested, interconnected environmental systems. The microsystem encompasses immediate settings—classrooms, peer groups, and teacher-student interactions, within which bullying primarily occurs. The mesosystem captures the interactions between these immediate settings and the home environment. The exosystem includes community norms, school governance structures, and educational policies. The macrosystem encompasses broader cultural values, societal hierarchies, and national educational frameworks.

This ecological framework is analytically powerful for understanding bullying in Uttar Pradesh because it situates peer aggression not as an individual pathology but as a behaviour shaped by the interplay of classroom dynamics, institutional cultures, community norms, and socio-cultural values. Academic achievement, from this perspective, is the product not merely of individual effort but of the cumulative ecological context within which students are embedded. The theory explains how school climate (a mesosystem factor) shapes the consequences of bullying, how social hierarchies (macrosystem) normalise or delegitimise certain forms of aggression, and how teacher behaviours (microsystem) condition students' emotional and academic responses to victimisation.

School Climate Theory

School Climate Theory, as elaborated by Cohen et al. (2009), conceptualises the school as an institutional ecosystem organised across four interdependent dimensions: Safety (encompassing physical, emotional, and academic safety); Teaching and Learning (instructional quality, academic expectations, and professional development); Interpersonal Relationships (peer respect, teacher-student trust, and inclusive practices); and Institutional Environment (rules, organisational structures, and leadership quality).

Bullying directly undermines the Safety and Interpersonal Relationships dimensions, which in turn disrupt academic engagement and achievement. Schools characterised by positive climates across all four dimensions demonstrate lower bullying prevalence, higher student

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achievement, and stronger student well-being and belonging (Thapa et al., 2013). This framework is directly applicable to Uttar Pradesh secondary schools, where significant variation in infrastructure, teacher preparedness, and disciplinary cultures produces wide disparities in institutional climate and, consequently, in both bullying prevalence and academic outcomes.

Research Gaps and Rationale

Despite substantial international scholarship, critical lacunae persist in the Indian and North Indian context specifically. First, bullying research in India is geographically concentrated in metropolitan regions; states like Uttar Pradesh, with their complex socio-economic, caste-based, and linguistic diversity, remain substantially under-examined. Second, Indian studies largely treat bullying as an isolated interpersonal phenomenon, failing to conceptualise school climate as a mediating or moderating variable. Third, the field lacks theory-driven conceptual models that integrate bullying, school climate, and academic achievement within the Indian institutional context. Fourth, ecological and climate-based theoretical frameworks have rarely been applied to explain the multi-layered nature of bullying in Indian government and private secondary schools. While Ecological Systems Theory and School Climate Theory are frequently invoked together by the researchers, they are rarely examined for their comparative analytical reach: Bronfenbrenner's framework excels at situating bullying within nested socio-cultural layers but it has limited guidance on which specific institutional levers reduce harm, whereas School Climate Theory specifies actionable institutional dimensions but is less equipped to explain macro-level drivers such as caste stratification or regional governance gaps. This paper treats the two frameworks as complementary, using each to compensate for the other's explanatory limits.

This conceptual study is therefore academically justified, policy-relevant, and aligned with the priorities of global educational scholarship. By synthesising international and Indian evidence within an ecologically and climatologically grounded framework, the paper provides foundations for empirically rigorous follow-up studies and climate-centred policy reform.

Table 1: Summary of Key Empirical Studies Informing the Conceptual Framework

Author (s), year	Context	Focus	Key finding
Nakamoto & Schwartz, 2010	Global (meta-analysis)	Bullying–achievement	Peer victimisation is consistently linked to lower academic performance across studies

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Skrzypiec et al., 2014	Australia	Bullying–achievement	Victimised students self-report significantly lower academic performance
Singh & Sarkar, 2019	India (Delhi, Haryana, UP)	Bullying–achievement	Bullied students show reduced engagement and lower exam performance
Thapa et al., 2013	Global (review)	School climate	Positive climate is linked to lower bullying and stronger student outcomes
Bryk & Schneider, 2002	United States	School climate	Relational trust in schools predicts lower bullying and higher attainment
Cornell & Huang, 2016	United States	Mediation/moderation	Perceived safety mediates the link between school conditions and student risk behaviour
Wang & Degol, 2016	Global (review)	Mediation/moderation	School climate operates as both mediator and moderator of student outcomes
Gage et al., 2014	United States	Mediation/moderation	Multilevel analysis links school climate directly to bullying prevalence
Kundu & Sirin, 2018	India	Bullying & well-being	Bullying is prevalent across school types and linked to poorer mental health

Research Objectives

This study aims to conceptually examine the interrelationships among bullying, academic achievement, and school climate in secondary schools of Uttar Pradesh. The specific objectives are:

- To analyse the nature, forms, and structural determinants of bullying among secondary school students in Uttar Pradesh.
- To examine the conceptual and empirical relationship between bullying and academic achievement.
- To explore the mediating and moderating role of school climate in the bullying-academic achievement relationship.
- To critically engage with theoretical frameworks—particularly Ecological Systems Theory and School Climate Theory, that explain the interconnectedness of bullying, school climate, and academic outcomes.
- To propose an integrated conceptual model mapping the relationships among bullying, school climate, and academic achievement in the secondary school context of Uttar Pradesh.

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DAJE Volume 02 (1) 2026 [January-June]
Published on: 26 August, 2026

Research Questions

The study is guided by the following research questions:

- What are the major forms, dynamics, and structural determinants of bullying prevalent among secondary school students in Uttar Pradesh?
- How does bullying influence students' academic achievement according to existing theoretical and empirical literature?
- In what ways does school climate mediate or moderate the effects of bullying on academic performance?
- Which theoretical frameworks most cogently explain the relationship among bullying, school climate, and academic outcomes in the Indian schooling context?
- What integrated conceptual model can be proposed to understand bullying and its consequences within the secondary schooling system of Uttar Pradesh?

Conceptual Framework and Proposed Model

Overview of the Integrated Model

The conceptual model proposed in this paper integrates insights from Ecological Systems Theory and School Climate Theory to map the pathways through which bullying affects academic achievement within the broader school environment of Uttar Pradesh. The model is built upon five core propositions:

- Bullying is a microsystem-level interpersonal phenomenon that directly impairs students' emotional well-being, safety perceptions, motivation, and classroom engagement.
- Academic achievement is shaped by both the direct impacts of bullying and indirect impacts mediated and moderated through school climate.
- School climate functions as both a mediating variable (the pathway through which bullying's effects are transmitted) and a moderating variable (the condition that determines the strength of those effects).
- Teacher behaviour, peer dynamics, and institutional practices interact to either buffer or exacerbate the effects of bullying on academic outcomes.
- Macrosystem factors—including socio-economic stratification, caste hierarchies, cultural norms, and local educational governance structures—contextualise how bullying manifests and is addressed within secondary schools of Uttar Pradesh.

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Model Components

Independent Variable: Bullying

The model treats bullying—encompassing physical, verbal, relational, and cyberbullying—as the primary independent variable. Consistent with Olweus (1993), bullying is operationalised as intentional, repeated aggression characterised by power imbalance. It functions as both a direct impairment of individual students' well-being and as a systemic signal of institutional failure in safety and relational norms.

Mediating/Moderating Variable: School Climate

School climate is conceptualised across four analytically distinct yet interdependent dimensions: (i) Safety Climate- encompassing emotional and physical safety, supervision quality, and disciplinary consistency; (ii) Learning Climate- including instructional quality, teacher expectations, and academic support; (iii) Relationship Climate- peer inclusivity, respect, and teacher-student rapport; and (iv) Organisational Climate- institutional leadership, structural coherence, and rule consistency. The model proposes that positive scores across these dimensions weaken (moderate) the academic impact of bullying and simultaneously represent the pathway (mediate) through which bullying's harm is channelled.

Dependent Variable: Academic Achievement

Academic achievement is conceptualised multidimensionally to include classroom participation, academic motivation and self-efficacy, attendance, examination performance, and long-term academic orientation. This multidimensional operationalisation is essential given the diverse pathways through which bullying impairs educational outcomes.

Contextual Embedding: The Uttar Pradesh Dimension

The model is explicitly embedded within the socio-institutional realities of Uttar Pradesh. Macrosystem factors including caste-based social stratification, gender inequalities, economic deprivation, and governance gaps, shape both the prevalence and the institutional response to bullying. Exosystem factors including district-level educational administration, community norms around discipline and hierarchy, and access to teacher professional development condition the school climate dimensions that mediate and moderate bullying's academic consequences. This contextual embedding distinguishes the model from generic frameworks and makes it directly applicable to evidence-based policy reform in the state.

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Methodology

Research Design

This study adopts a conceptual research design, employing critical literature synthesis rather than empirical data collection. Conceptual research is a recognised and rigorous mode of scholarly inquiry in education, particularly appropriate where empirical evidence is fragmented and theoretical integration is needed to advance both scholarship and policy.

Sources of Data

The study draws on peer-reviewed journal articles, scholarly monographs, UNESCO and UNICEF reports, NCERT publications, the National Education Policy (2020), and both empirical and meta-analytic studies from Indian and international contexts. Sources were identified through systematic searches of databases including JSTOR, Google Scholar, ERIC, and PsycINFO using terms including bullying, school climate, academic achievement, ecological systems theory, secondary education, and India/Uttar Pradesh. Sources were included if they were peer-reviewed journal articles, government or UN agency reports, or recognised scholarly monographs published between 2000 and 2025, available in English, and substantively addressing bullying, school climate, or their relationship to academic achievement. Studies focused exclusively on primary-school populations or on unrelated forms of school violence were excluded. Screening proceeded in two stages. An initial relevance check of titles and abstracts, followed by full-text review of shortlisted sources for thematic fit and methodological credibility, consistent with the thematic synthesis procedure of Thomas and Harden (2008).

Analytical Approach

A thematic synthesis approach (Thomas & Harden, 2008) was employed to identify major conceptual themes across the literature, examine theoretical relationships among constructs, compare Indian and international findings, and integrate insights into the proposed conceptual model. This approach prioritises conceptual coherence and theoretical rigour, enabling the development of an original framework grounded in but transcending any single existing study.

Ethical Considerations

As a conceptual study involving no human participants or personal data, ethical concerns relating to consent, confidentiality, or harm are not applicable. The study maintains academic

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integrity through rigorous citation practice, transparent theoretical interpretation, and explicit acknowledgement of limitations.

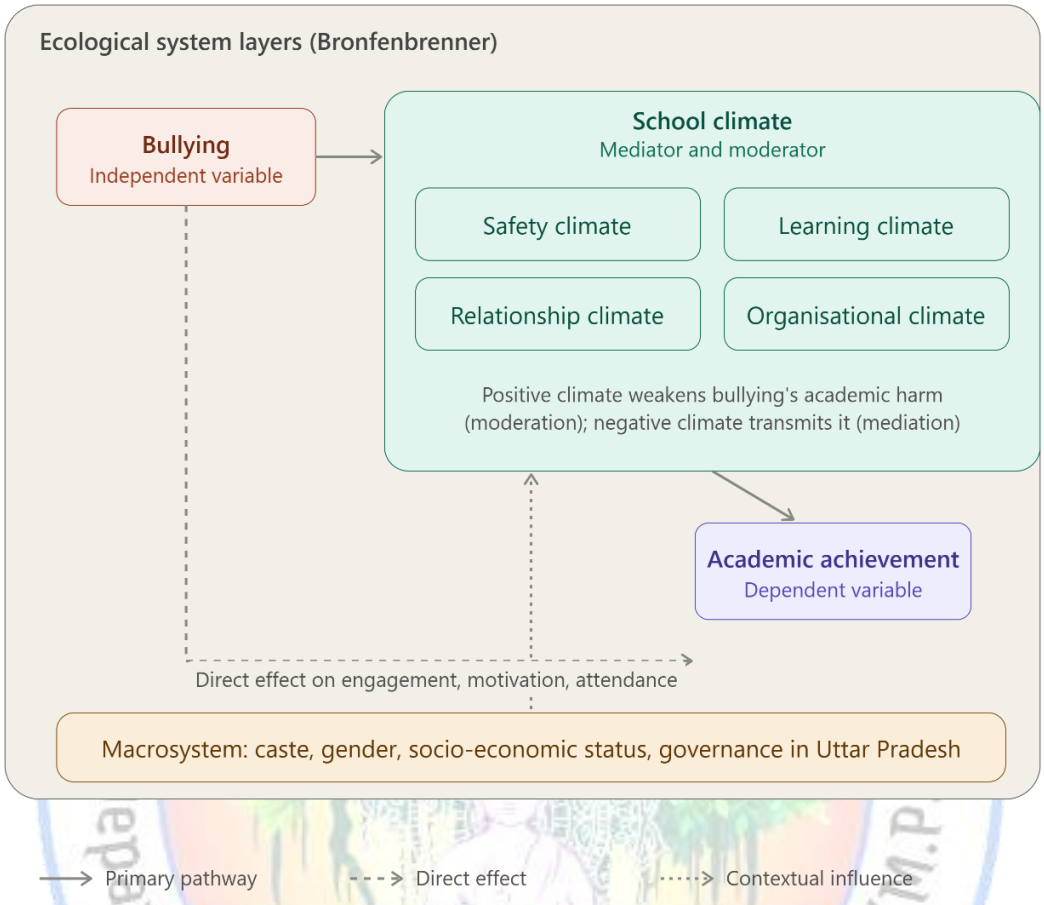


Figure 1: Conceptual Model on Relationships among Bullying, School Climate and Academic Achievement

Discussion

Bullying as a Systemic Educational Challenge

The conceptual analysis suggests that bullying cannot be adequately understood as a discrete interpersonal conflict. Contemporary scholarship, and the ecological framework in particular, positions bullying as a systemic institutional phenomenon shaped by—and in turn shaping—the broader school environment (Espelage & Swearer, 2010). In Uttar Pradesh, where large student populations coexist with rigid social hierarchies, differentiated socio-economic backgrounds, and inconsistent teacher preparedness, bullying emerges as a manifestation of structural vulnerabilities within the school ecosystem rather than merely the deviance of individual students. Bullying flourishes where supervision is inadequate, disciplinary responses are inconsistent, teacher-student relations are instrumentalised, and

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student voice is systematically suppressed. This analysis therefore frames bullying as an indicator of deeper institutional dysfunction requiring systemic responses.

The Academic Consequences of Bullying

The reviewed literature indicates that bullying is associated with significant undermining of academic achievement through multiple, interrelated mechanisms. The reviewed literature consistently points to victimised students experiencing reduced concentration and heightened anxiety; increased school avoidance and absenteeism; deterioration in classroom participation and collaborative learning; and sharp declines in academic self-efficacy and long-term academic aspiration. These consequences are acutely compounded in Uttar Pradesh's secondary schools, where socio-economic adversity, limited parental educational background, and infrastructural constraints already place students at heightened risk. Bullying, in this context, functions as an additional, often unacknowledged academic burden that erodes the residual motivational and cognitive resources available to already-disadvantaged students.

School Climate: Mediator, Moderator, and Intervention Target

A central and novel contribution of this paper is its dual conceptualisation of school climate as both mediator and moderator of the bullying-achievement relationship. As a mediator, school climate constitutes the pathway through which bullying's effects are transmitted: bullying degrades perceived safety and relational trust, which in turn impairs academic engagement and performance. As a moderator, school climate conditions the strength of the bullying-achievement association: in supportive institutional climates, the academic harm caused by bullying is significantly attenuated; in hostile or neglectful climates, it is markedly intensified. This dual role suggests the need for context-sensitive interventions. Rather than targeting bullying incidents in isolation, effective intervention requires the deliberate cultivation of institutional climates characterised by relational trust, consistent and fair discipline, inclusive pedagogy, and meaningful student participation. In Uttar Pradesh's secondary schools, where climate deficits are pervasive, this represents both the greatest challenge and the most consequential opportunity for systemic improvement.

Theoretical Synthesis

The integration of Ecological Systems Theory and School Climate Theory in this paper yields a theoretically robust and contextually sensitive analytical framework. Ecological Systems Theory enables a multi-level analysis of bullying that accounts for peer dynamics,

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institutional structures, community norms, and macro-level cultural and governance factors simultaneously. School Climate Theory provides the institutional vocabulary and dimensional structure needed to translate ecological insights into actionable institutional targets. Their synthesis reveals bullying not as an isolated behavioural incident but as a socio-ecological phenomenon shaped by the intersecting dynamics of microsystem interactions, institutional climates, and macrosystem forces—and therefore requiring correspondingly multilevel responses.

Implications for Uttar Pradesh Secondary Schools

The conceptual findings carry several concrete implications for educational policy and practice in Uttar Pradesh:

- *School-Wide Anti-Bullying Frameworks:* All secondary schools should develop and implement structured anti-bullying policies aligned with national child protection guidelines, addressing prevention, early identification, and evidence-based intervention.
- *Teacher Professional Development:* Teachers require sustained professional development not merely in identifying and managing bullying incidents but in constructing trust-based, emotionally safe, and academically supportive classroom environments.
- *Positive School Climate Cultivation:* Institutional improvements in inclusivity, transparent leadership, participatory governance, and student voice are essential climate-improvement strategies with demonstrated impacts on both bullying prevalence and academic achievement.
- *Psychosocial Support Infrastructure:* Appointment of trained school counsellors, establishment of peer support programmes, and integration of social-emotional learning into the curriculum are essential for building student resilience.
- *District-Level Policy Monitoring:* Given the scale and diversity of Uttar Pradesh, district-level educational authorities should systematically monitor school climate indicators, support schools with targeted interventions, and incorporate bullying prevention metrics into institutional accountability frameworks.

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DAJE Volume 02 (1) 2026 [January-June]
Published on: 26 August, 2026

Conclusion

This conceptual paper has critically examined the impact of bullying on academic achievement among secondary school students, with particular attention to the mediating and moderating role of school climate and the specific socio-institutional context of Uttar Pradesh. Grounded in Bronfenbrenner's Ecological Systems Theory and School Climate Theory, the paper has demonstrated that bullying is a systemic phenomenon deeply embedded in institutional structures, cultural norms, and governance practices not merely an interpersonal conflict between individual students.

The synthesis of global and Indian literature confirms that bullying impairs academic achievement through psychological distress, diminished engagement, absenteeism, and eroded academic motivation, while simultaneously deteriorating the school climate conditions safety, relational trust, instructional quality, and organisational coherence that are essential for learning. The proposed integrated conceptual model articulates these relationships explicitly, situating them within the unique socio-ecological realities of Uttar Pradesh and providing a rigorous theoretical foundation for empirical follow-up research and evidence-based policy reform.

As a conceptual paper, this study is subject to important limitations. It relies entirely on secondary literature rather than primary data collected from Uttar Pradesh's secondary schools, and the proposed integrated model, while theoretically grounded, has not yet been empirically tested. Future research should prioritise empirical validation of the model through survey-based or mixed-methods studies across diverse district-level school contexts in Uttar Pradesh, alongside qualitative work capturing student and teacher experiences of bullying and school climate directly.

The paper's central conclusion is unambiguous: addressing bullying effectively in Indian secondary schools requires a shift from punitive, incident-centred responses toward systemic, climate-centred approaches. Improving school climate is not merely a welfare imperative but a foundational educational strategy- one that simultaneously reduces bullying prevalence, enhances academic achievement, and advances the equitable, inclusive, and safe learning ecosystems envisioned by the National Education Policy 2020. Educational quality, student well-being, and institutional safety are inseparable; they must be pursued together, holistically, if sustainable educational improvement is to be achieved.

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