

Exploring the Profound Impact of Leadership Styles on the Performance of Teachers in Pakistan

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Abstract

The main focus of this study is to analyze the relationship between leadership styles and teacher performance in the dynamic educational environment of schools. This study used a meticulous approach using surveys, interviews and performance metrics to comprehensively analyze 28 educational institutions in the District Kasur, Punjab, Pakistan. Autocratic leadership and its impact on teacher satisfaction, collaboration and professional development is critically examined, and a convincing correlation is shown between transformational leadership and teacher performance, encouraging innovation and engagement. Transactional leadership is expressed to explore a complex relationship between teacher performance and autonomy by emphasizing the importance of balance. It also explores how laissez-faire leadership can foster initiative through a robust support system and promote hands-off independence. In the next part, leadership styles are allegorized through case studies. The impact of leadership transitions on teacher and student outcomes is meticulously analyzed by examining schools labelled The Innovation Hub and The Traditional Stronghold. The study explores innovative strategies for leadership styles beyond button-down boundaries. Global perspectives on educational leadership, technology accommodation, and ethical considerations in educational neuroscience are carefully examined. This study provides comprehensive lines for educational leaders by combining ideas from leadership theories, case studies, technology integration and ethical issues. The study provides a future-focused vision highlighting the importance of flexible leadership approaches, continuous assessment and dedication to the welfare of teachers and learners.

Keywords: Global, Performance, Leadership Styles, Educational Institutions, Generations.

Introduction

It is impossible to overestimate the importance of leadership in the sensitive field of education. The effect of leadership styles and their effectiveness on teachers is one crucial but sometimes overlooked aspect of this field. Educators play a vital role in forming the next generation's brains as they are the architects of the future. This investigation breaks back the layers that characterize this dynamic interplay between leadership styles and teacher performance (Amjad et al., 2021a,

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b,c; Abbas et al., 2024). It is essential to comprehend the many leadership philosophies common in academic settings before exploring the implications. Each style, from transformative to autocratic, has distinctive features that impact the dynamics and culture of a school.

1. The authoritative style allows autocratic leaders to make choices independently with little to no benefits from their subordinates. This approach frequently uses a rigid hierarchical structure with distinct lines of authority with no outcome.
2. Transformational leaders enthuse and encourage their subordinates to achieve a common goal. In this type of leadership, leaders promote an atmosphere where associates feel inspired to achieve their targets to perceived limits by encouraging creativity and innovation.
3. Transactional leaders promote an organized system of incentives and sanctions. They focus on the significance of precise guidelines, performance criteria, and penalties for non-performers.
4. Laissez-faire leaders give freedom to their staff members and take a detached stance with no interference policy. Team members are left to take initiative and make decisions using this approach.

Literature Review

The educational leadership styles provide a professional understanding of different approaches adopted by educational leaders. Autocratic leadership is known as a top-down decision-making structure and is associated with efficiency but pulls down the morale and creativity of teachers. (Jones & Rudd, 2019). On the other hand, transformational leadership describes inspiration and collaboration with the team and positively impacts teacher motivation and student outcomes. Transactional leadership emphasizes incentives and results in a well-analyzed educational context. The research shows that focusing on transactional leadership may hinder educator autonomy and intrinsic motivation, although it offers structure and clarity in expectations (Leithwood & Sun, 2018). The concept of laissez-faire leadership, frequently linked to independence, has been discussed. While some research indicates it can encourage teachers' initiative and creativity (Wang & Cheng, 2017), others warn that to avoid disengagement and a lack of focus, strong network support is necessary (Barbuto & Burbach, 2006).

Table 1: Summary of Leadership Styles

Leadership Style	Characteristics	Impact on Teachers
Autocratic	Top-down decision-making	Efficiency but potential for lower morale
Transformational	Inspiration and collaboration	Positive impact on motivation and outcomes
Transactional	Rewards and consequences	Potential hindrance to autonomy and motivation
Laissez-faire	Autonomy with potential for disengagement	Creativity if supported, risk of directionless

Impact of Autocratic Leadership Style on Teacher Performance

Both positive and negative results have been associated with autocratic leadership style in educational contexts. According to the study, autocratic leadership may be useful in quick decisions and in crisis (Herman, 2018). However, continue flow of usage of this style has been linked to a downturn in collaboration, a lower level work satisfaction of educators and a possible detrimental effect on long-term educator's retention (Harris, 2013).

Table 2: Impact of Autocratic Leadership on Teacher Performance

Outcome	Positive Impact	Negative Impact
Job Satisfaction	-	Decreased job satisfaction
Collaboration	-	Reduced collaboration
Long-term Retention	-	Potential negative impact on retention

Influence of Transformational Leadership Style on Teacher Performance

Transformational leadership is praised in the literature for its focus on intellectual stimulation and inspiration. Several studies have described how transformational leadership improves the teacher's overall performance, teamwork and job satisfaction (Leithwood et al., 2008).

The case study data of "The Innovation Hub" shows that the current paper deepens the existing body of literature. The data analysis presents observable results, such as improved student-teacher cooperation, a rise in technological integration and higher student happiness. The aforementioned empirical validation also highlights the current understanding of the effectiveness of transformational leadership in promoting creativity and involvement within educational settings.

Table 3: Outcomes of Transformational Leadership Style in "The Innovation Hub"

Outcome	Positive Impact
Integration of Technology	Increased
Student-Teacher Collaboration	Enhanced
Student Satisfaction	Higher

Transactional Leadership Style with Balancing Structure and Autonomy

Transactional leadership Style emphasizes management by exception and contingent incentives on teacher performance have been studied in the here. According to the studies, transactional leadership may increase student achievements by setting clear objectives and fostering proper check and balance (Moos, 2011). But we may not depend too much on transactional leadership style that might damage intrinsic motivation and block long-term career advancement (Leithwood & Sun, 2018).

Table 4: Balancing Autonomy and Support in Transactional Leadership Style

Aspect	Balance Needed
Autonomy	Strategic integration required
Intrinsic Motivation	Potential hindrance without balance
Professional Growth	Hindered without a balanced approach

Laissez-Faire Leadership Style with Autonomy and Support Dynamics

The literature on laissez-faire leadership style commonly examines that how it may help teachers to become more independent and creative. According to the study, laissez-faire leadership may enable educators to take the initiative and innovate when combined with a strong support network (Bass & Avolio, 1994). But without proper direction and sufficient assistance, care is urged to avoid the possibility of disengagement (Barbuto & Burbach, 2006).

Table 5: Dynamics of Laissez-Faire Leadership with and without Support

Aspect	With Support	Without Support
Autonomy	Empowerment	Risk of Disengagement
Creativity	Fosters Innovation	Potential Lack of Direction
Support System	Robust infrastructure necessary	Potential for Disconnection

Innovative Strategies about Integrating of Technology and Educational Neuroscience

This study examines cutting-edge skills for leadership in educational field, veering away from conventional leadership conversations. In literature, technology integration is analyzed for its positive role to improve teaching methods, teamwork and overall teacher effectiveness. It includes tables on virtual reality, professional development and digital learning platforms, gives factual support to the discussion on the advantages of technology in educational leadership styles.

Table 6: Integration of Technology in Educational Leadership

Aspect	Integration Effectiveness
Digital Learning Platforms	Positive impact on collaboration
Professional Development (VR)	Enhanced learning experiences
Data Analytics	Informed decision-making

Table 7: Impact of Educational Neuroscience-Informed Strategies

Strategy	Positive Impact
Growth Mindset	Improved attitudes and performance
Mindfulness Practices	Enhanced well-being and reduced stress
Neuroscience-Informed Professional Development	Improved teaching methods

Global Perspectives on Educational Leadership Styles

Global views about educational leadership styles describes the value of intercultural communication and understanding. Comparing educational systems internationally with Finland, Singapore, and Japan can provide insightful information about various leadership theories and how these philosophies may affect student performance (Sahlberg, 2011). The suggestion for global cooperation is in line with more extensive discussions about the value of cross-cultural insights in educational leadership (Leithwood et al., 2018).

Table 8: Cross-Cultural Insights from Global Educational Systems

Educational System	Leadership Approach	Impact on Student Outcomes
Finland	Emphasis on equity and collaboration	Positive outcomes, holistic approach
Singapore	Focus on teacher quality and curriculum	High student performance, adaptability
Japan	Discipline, respect, value & responsibility	Focus on balanced character development

Methodology

To comprehensively analyze the impact of leadership styles on teacher performance, a meticulous methodology was employed. A diverse range of educational institutions was selected, encompassing various levels from elementary to tertiary education from district Kasur. The data collection process involved surveys, interviews, and performance metrics to ensure a holistic understanding.

Table 9: Distribution of Educational Institutions

Educational Level	Number of Institutions
Primary School	10
Middle School	8
High School	6
Tertiary Education	4

Autocratic Leadership Style

Autocratic leadership style with its emphasis on a hierarchical structure and authoritative decision-making has both proponents and critics within the educational field. Proponents argue that a well-defined chain of command ensures efficiency and streamlined operations. However, the data presents a nuanced picture.

Table 10: Teacher Satisfaction Levels under Autocratic Leadership

Aspect of Satisfaction	High	Moderate	Low
Professional Growth	15%	40%	45%
Collaboration	10%	25%	65%
Job Satisfaction	20%	30%	50%

The data reveals a significant dissatisfaction among teachers working under autocratic leadership, particularly in terms of collaboration and professional growth. The stringent top-down approach seems to stifle creativity and hinder the development of a collaborative culture.

Transformational Leadership Style and Nurturing Excellence

Transformational leadership seeks to inspire and motivate teachers to achieve beyond their perceived capabilities. The impact on teacher performance under this style is evident in the following analysis.

Table 11: Teacher Performance Metrics under Transformational Leadership

Performance Indicator	Average Score (out of 10)
Student Engagement	8.5
Innovation in Teaching	9.2
Professional Development	9.0

The data suggests a positive correlation between transformational leadership and enhanced teacher performance. Teachers under transformational leaders tend to exhibit higher levels of innovation and engagement, contributing to an overall positive learning environment under this style.

Transactional Leadership (A Balancing Act)

Transactional leadership focus on rewards and punishments on the basis of performance, aims to establish clear expectations. However, the impact on teacher performance is more nuanced than a simple cause-and-effect relationship.

Table 12: Teacher Performance vs. Transactional Leadership

Performance Indicator	High Transactional Leadership	Low Transactional Leadership
Student Achievement	8.0	7.5
Classroom Management	8.2	8.5
Teacher Morale	6.5	8.0

While high transactional leadership correlates with improved classroom management, it seems to have a detrimental effect on teacher morale and working capacity. The rigid structure may create an environment where teachers feel more like enforcers than educators.

Laissez-Faire Leadership, Empowering or Abandoning?

Laissez-faire leadership is marked by a hands-off approach, provides teachers with a significant degree of autonomy as with no interference policy. The influence on performance is dependent on how self-motivated and accountable the teachers are.

Table 13: Teacher Performance under Laissez-Faire Leadership

Performance Indicator	High Autonomy	Moderate Autonomy	Low Autonomy
Initiative in Teaching	9.0	7.5	6.0
Collaboration	7.5	8.0	5.5
Professional Development	8.5	6.5	5.0

According to the data, teachers with high levels of autonomy are more likely to exhibit initiative but also need to be somewhat self-directed. Professional growth and collaboration may only improve if a robust supporting network does not accompany autonomy.

Challenges and Possibilities in Different Leadership Styles

There is no doubt that leadership styles influence teachers' performance; putting these styles into practice presents a unique set of possibilities and obstacles. To guarantee the success of their chosen leadership style, leaders must manage many problems in the evolving educational setting.

1. An educational institution's cultural background and critical values influence the successful working of a leadership style. For example, a transformational leadership style could work well in a forward-thinking organization but might encounter opposition in a more conventional one.
2. Transactional leaders emphasize training on performance measurements and incentive systems. Transformational leaders indeed entail seminars on encouraging creativity and innovation.
3. The essential thing in any successful leadership approach is effective communication. Transformational leaders must motivate their team and convey an inspiring vision. Transactional leaders must ensure that expectations and penalties are communicated to the subordinates.

4. The schools always remain in a changing environment. Educational leaders must be flexible and ready to modify their approach to changing situations.
5. The emphasis on individuality under laissez-faire leadership needs a countercheck through a strong support team network. Educators can only flourish in an autonomous culture if they get a clear direction, mentoring and opportunities for professional development.

Case Studies

Here, we will examine the experiences of two different case studies about various leadership methods that educational institutions have used to put the influence of leadership styles on teacher performance into context.

Case Study 1 about The Innovation Hub

A modern teaching approach with a transformational leadership style was implemented at a forward-thinking urban school. Outstanding results were gathered by leaders who encouraged teachers to use new technology and new educational approaches in the teaching-learning process.

Table 14: Performance Metrics in the Innovation Hub

Performance Indicator	Average Score (out of 10)
Integration of Technology	9.5
Student-Teacher Collaboration	9.0
Student Satisfaction	8.8

Teachers willfully participated in professional development opportunities and collaborative process, which was made possible by the transformational leadership approach. Higher satisfaction scores from the students suggested that the entire learning process had improved.

Case Study 2 about The Traditional Stronghold

It has been an authoritarian leadership style at a reputable, conservative private school. But when cultural norms and schooling environment changed, educational leaders realized that something had to be changed.

Table 15: Transition from Autocratic to Transformational Leadership

Performance Indicator	Before Transition	After Transition
Teacher Job Satisfaction	5.0	8.2
Student Academic Achievement	7.8	8.5
Parental Involvement	6.2	7.8

Both teacher work satisfaction and student academic success significantly increased due to the shift from autocratic to transformational leadership. The change also improved parental participation, suggesting a more flourishing and cooperative learning environment.

The Road Ahead (Nurturing Leadership for Educational Excellence)

After examining the intricate relationship between leadership styles and teacher performance, it is clear that more than a universal strategy is required. Educational leaders must be thoroughly aware of their subordinates' culture, beliefs, and special requirements.

Educational leaders have to do ongoing research and have ongoing discussions to improve leadership styles to meet the rapidly changing needs of the 21st-century classroom. In addition, by creating leadership development programs specially designed for educational contexts, leaders may be equipped with the knowledge and skills needed to meet the opportunities and difficulties of various leadership approaches.

Sustaining Positive Change

Continuous assessment involves soliciting feedback from teachers, students, and parents and using this information to make decisions based on data. Implementing regular surveys to gather input from teachers can offer valuable insights into their experiences under a specific leadership style. Questions could cover aspects such as job satisfaction, perceived support for professional development and the effectiveness of communication channels.

Table 16: Sample Teacher Feedback Survey Questions

Question	Scale(1-10)
How satisfied are you with the support for professional development provided by the institution?	
Rate the effectiveness of communication channels between leadership and teaching staff.	
To what extent do you feel empowered to innovate in your teaching methods?	

Students and parents perspectives on the impact of leadership styles can provide valuable insights into the overall educational experience. Questions could focus on the perceived quality of teaching, engagement levels, and satisfaction with the learning environment.

Table 17: Sample Student and Parent Survey Questions

Question	Scale (1-10)
How engaged do you feel in your classes?	
Rate the quality of teaching in your opinion.	
Do you feel that there is effective communication between the school and parents?	

Based on feedback, leaders can identify areas of strength and improvement. This approach enables leaders to make informed decisions on adjustments to leadership styles, professional development programs and institutional policies. Tailoring professional development initiatives about specific needs identified through feedback is crucial. Periodic conferences where leaders share their experiences, challenges and successes can contribute to the collective growth of leadership within the educational community.

The Role of Emotional Intelligence in Leadership Styles

Emotional intelligence is a critical aspect of effective leadership. Leaders with high emotional intelligence can drive the complexities of human mutual relationships, understand their team members' needs and concerns, and adapt their leadership styles accordingly. Transformational leaders benefit from a high level of empathy. They understand the unique challenges and aspirations of teachers. Leadership effectiveness is increased when a leader can

modify their communication style to suit the emotional requirements of the team, whether that means offering constructive criticism or presenting a visionary message. Handling a conflict by the leaders has a significant influence on the morale and productivity of teachers.

Future Trends in Educational Leadership

Innovative trends in educational leadership have the potential to alter the environment substantially. Three main areas of concentration are developing a global perspective, accepting diversity, equity & inclusion, and using technology for leadership development. Artificial intelligence (AI) and virtual reality (VR) are critical leadership development programs for data analysis. Leaders may practice making decisions in realistic circumstances via VR simulations, and AI can offer insights into their areas of strength and development as leaders. For effectual output, leadership needs to be inclusive and flexible enough to meet the different requirements of educators and students.

Innovative Strategies for Leadership Styles

A proactive approach of a leader is essential for quickly changing the nature of education. This approach may develop problem-solving techniques and ensure the use of modern technology to facilitate positive change. Educational technology has become a potential tool for improving student engagement, teaching methods and overall academic performance.

Transformational leaders may provide an interactive and cooperative learning environment to the teachers and students through digital learning platforms. Digital learning makes sharing resources easier, designing lesson plans together and receiving real-time feedback.

Table 18: Integration of Digital Learning Platforms

Aspect	Percentage of Teachers Utilizing Digital Platforms
Lesson Planning	80%
Assessment Creation	70%
Communication	90%

Leaders can help the teachers in developing individual learning paths by utilizing educational technology. For example, adaptive learning software customize the curriculum for each student's needs and allows teachers to use it for different learning styles in a single classroom.

Table 19: Impact of Personalized Learning Pathways on Student Performance

Student Performance Indicator	Improved	Maintained	Declined
Test Scores	75%	20%	5%
Engagement Levels	80%	15%	5%
Self-Motivation	70%	25%	5%

Educational leaders may utilize VR technology for immersive and experiential professional development paths for teachers. Virtual classrooms, simulated teaching scenarios and virtual debates enable teachers to refine their professional skills in a realistic and risk-free environment.

Table 20: Teacher Satisfaction with VR-based Professional Development

Aspect of Satisfaction	Very Satisfied	Satisfied	Not Satisfied
Practical Relevance	85%	12%	3%
Engagement Level	80%	15%	5%
Impact on Teaching Skills	90%	8%	2%

Transactional leaders can lift data analysis tools to monitor and analyze various performance metrics. Leaders have a comprehensive understanding of the strengths and areas of improvement within institution through student achievement data, teachers attendance patterns and data-driven decision making.

Table 21: Impact of Data-Driven Decision-Making on Educational Outcomes

Educational Outcome	Improved	Maintained	Declined
Student Achievement	78%	20%	2%
Teacher Retention Rates	85%	12%	3%
Resource Allocation Efficiency	70%	25%	5%

Navigating Challenges

Many challenges are associated with integrating technology into educational leadership, particularly those related to ethics and privacy. As leaders embrace educational technology, they must prioritize ethical considerations to ensure that the use of technology aligns with academic values and safeguards the well-being of other stakeholders.

The Global Perspective and Learning from Diverse Educational Systems

A global perspective offers valuable insights in the pursuit of excellence. Examining leadership styles and educational practices in diverse international settings allows leaders to draw inspiration from successful models and adapt them to their unique contexts (Abid et al., 2023; Rafique et al., 2023). The Education system in Finland is consistently hailed for its emphasis on equity, collaboration and a student-centric approach. Educational leaders prioritize teacher professionalism, foster a collaborative culture and emphasize a holistic view of education beyond standardized testing in the education system. Singapore consistently ranks high in global education assessments. Singapore's success is associated with a strong focus on teacher quality, rigorous curriculum standards and an adaptive approach to educational policies. Leaders in Singapore emphasize continuous professional development for teachers and a commitment to staying abreast of global trends. Japan's education system emphasizes values like discipline, respect and responsibility. School leaders in Japan play a vital role in instilling these values, focusing on academic achievement, character-building, and social skills.

Embracing Educational Neuroscience

Understanding how the brain learns, retains information and responds to various teaching methods allows educational leaders to tailor their approaches with a neuroscientific lens. This innovative intersection of neuroscience and education holds the potential to revolutionize teaching and learning practices and enhance overall educational outcomes (Wang et al., 2022). Academic leaders can work with neuroscientists and researchers to create instructional techniques based on

neuroscientific concepts. To ensure that instructional materials align with students' cognitive capacities, lesson plans might be designed with a knowledge of the function of cognitive theory.

Table 22: Implementation of Neuro-Informed Teaching Strategies

Teaching Strategy	Implementation Effectiveness
Spaced Repetition	High
Multisensory Learning	Moderate
Cognitive Apprenticeship	High

By the use of neuroscience research that shows the brain's capability for development and flexibility, leaders may help teachers and students in developing a growth mindset.

Table 23: Impact of Growth Mindset on Academic Achievement

Academic Achievement Indicator	Improved	Maintained	Declined
Standardized Test Scores	75%	20%	5%
Classroom Participation	80%	15%	5%
Attitudes Towards Learning	85%	12%	3%

According to neuroscience studies, practicing mindfulness can lower stress, sharpen attention and improve cognitive performance in educational setting.

Table 24: Impact of Mindfulness Practices on Teacher and Student Well-Being

Well-Being Indicator	Improved	Maintained	Declined
Teacher Job Satisfaction	85%	12%	3%
Student Emotional Health	80%	15%	5%
Reduction in Absenteeism	75%	20%	5%

Trainings on brain-based learning, memory retention techniques and understanding the impact of stress on cognitive function can help teachers with valuable tools for optimizing their instruction.

Table 25: Teacher Satisfaction with Neuroscience-Informed Professional Development

Aspect of Satisfaction	Very Satisfied	Satisfied	Not Satisfied
Practical Applicability	80%	15%	5%
Relevance to Classroom	85%	12%	3%
Impact on Teaching Methods	90%	8%	2%

Overcoming Challenges and Ethical Considerations in Educational Neuroscience

The ethical use of neuroscientific research requires a commitment to safeguarding privacy, obtaining informed consent and avoiding any form of manipulation (Asghar et al., 2022a,b,c).

Educational leaders must establish clear guidelines on the collection and use of brain data, ensuring that any neuroscientific research respects individuals' privacy and autonomy. Leaders should be mindful of potential equity issues in implementing neuroscience-informed strategies. When implementing interventions that involve neuroscientific principles, obtaining informed consent

from teachers, students, and parents is essential. Leaders should communicate openly about the integration of educational neuroscience into teaching practices.

Global Collaboration in Educational Neuroscience

Global collaboration has become instrumental in the realm of educational neuroscience. By fostering international partnerships and alliances, educational leaders can share insights, research findings and best teaching-learning practices.

Charting a Course for the Future of Educational Leadership

By the intersection of educational neuroscience and leadership strategies, leaders may hold the keys to unlocking the full potential of both educators and students. By embracing neuroscientific lines, leaders can create learning environments that align with the brain's natural processes, fostering engagement, resilience and a lifelong love of learning (Sial et al. 2022; Asghar et al. 2023a,b,c).

Conclusion

Many universal strategies work for all educational leadership types. The culture of the educational institution, subject matter and teaching staff's traits are some variables that may affect how leadership styles affect teachers' performance. Transformational leadership stands out as the leading approach that supports improving teacher performance. We may need a combination of leadership philosophies suitable according to the organization's requirements and its lower staff if we want to use the full potential of the teachers and students. Educational Leadership styles need to change with time and according to the situation. A dynamic and suitable approach to leadership is necessary to meet teachers' diverse needs and cultivate an educational environment where education can thrive and flourish with positive outcomes. The impact of leadership styles on teacher performance is not static but a compelling interplay that requires continual observation, analysis and adaptation for better results in education.

The ethical implementation of educational neuroscience requires a commitment to privacy, transparency and equity. Leaders must navigate the challenges with a thought-provoking approach, ensuring that the benefits of neuroscientific insights are shared equitably among the diverse student populations of the world. Global collaboration in educational neuroscience enriches the collective understanding of how the brain learns and fosters a sense of shared responsibility for the future of education. As educational leaders continue to explore the frontiers of neuroscience-informed practices, they contribute to a transformative paradigm shift in educational leadership that places all students' holistic well-being and cognitive development at the forefront. The journey towards academic excellence is a dynamic and collaborative struggle, charting a course for a future where leaders, armed with insights from neuroscience, will inspire generations of learners to reach new heights of intellectual and personal development with many more achievements.

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