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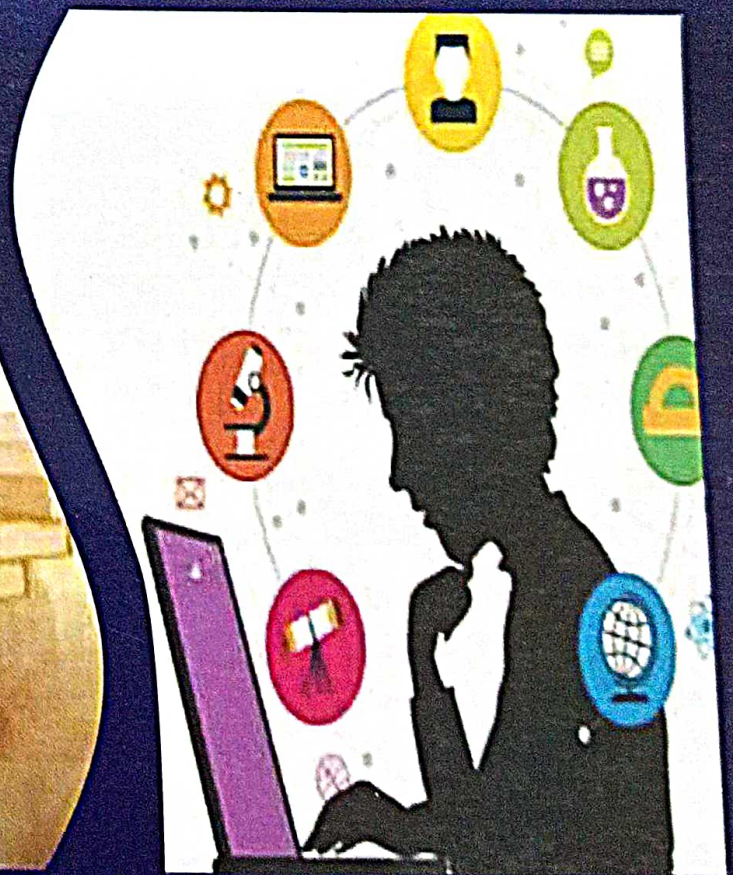
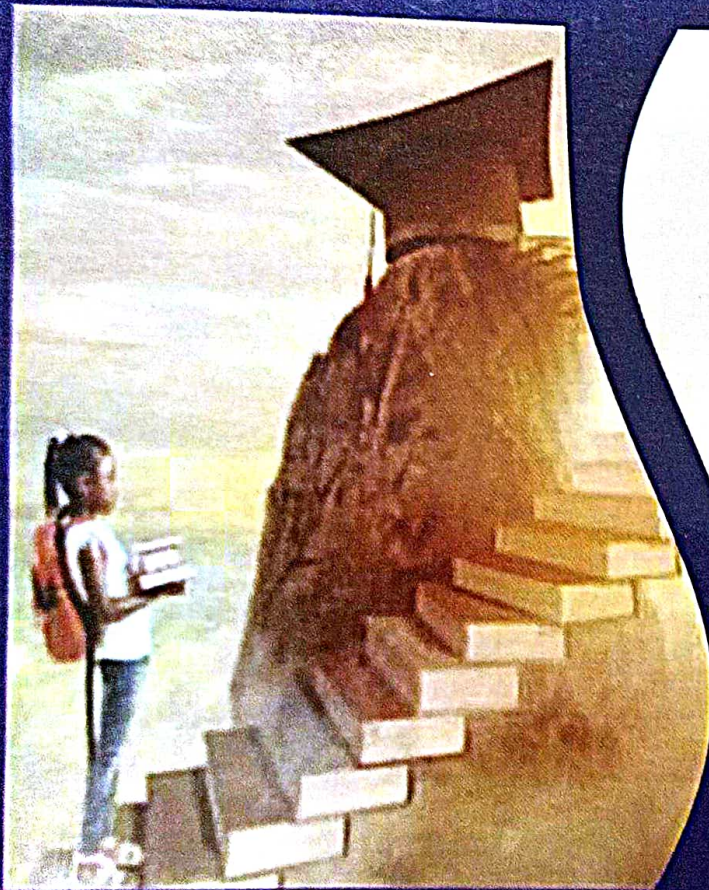
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Academic Resilience

Issues, Challenges
and
Strategies



Prof. (Dr.) Adnan Khan Lodi
Dr. Geetika Nidhi
Dr. Divya R. Panjwani

First Edition 2023

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Chapter 13

Adapting to the Unprecedented: Cultivating Student Engagement and Resilience in the Post-COVID Educational Era

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Abstract

The COVID-19 pandemic brought about unheard-of upheavals in the global educational system, ushering in what has been dubbed the “new normal.” This chapter explores the key elements of student engagement and resilience in the post-COVID era, highlights the critical role that fostering student engagement and resilience plays in the post-COVID education landscape, and aims to offer insights and strategies to help educators and institutions navigate the opportunities and challenges that lie ahead. Understanding how the pandemic has affected students’ academic progress and general well-being is crucial as educational institutions adjust to the “new normal.” The chapter delves into effective strategies and innovative approaches to navigate this uncharted territory, promoting active student participation, and cultivating resilience to overcome adversities. By addressing the intersection of student engagement and resilience, this chapter offers valuable insights and practical recommendations to empower educators, administrators, and policymakers in shaping a resilient and engaging education system in the post-COVID era.

Keywords: Student Engagement, Resilience, Post-COVID Era, Post-COVID Education

Introduction: The Transformative Impact of the Pandemic on Education

The COVID-19 pandemic brought about a seismic transformation in education, creating unprecedented challenges across societies beyond public health concerns. The shift to remote learning due to the pandemic’s unrelenting spread became the most significant and intricate change in education, profoundly impacting student engagement, social isolation, and mental well-being (Bozkurt et al., 2020).

The transition to virtual platforms from traditional classrooms was swift, altering the landscape of education globally. While remote learning maintained educational continuity, it introduced its own set of challenges affecting students, teachers, and families alike (Deshmukh, 2021). Notably, the abrupt shift deprived learners of the interpersonal dynamics inherent in physical classrooms. Online environments, although connected, often felt alienating, disrupting the natural flow of social interactions (Li & Lalani, 2020).

Emotionally, students bore the brunt of uncertainty and disruption. The pandemic upended familiar routines, ushering in an era of ambiguity that was particularly challenging for young minds (Bozkurt et al., 2022). The separation from friends, absence of extracurricular activities, and blurred lines between home and school heightened this sense of disorder. Alongside external disturbances, the pandemic wrought psychological impacts, triggering heightened anxiety, tension, and sadness among students (Siegel et al., 2022). The strain of adapting to new learning methods exacerbated these emotional challenges.

This situation illuminated the need for education to encompass emotional development and resilience, beyond mere knowledge transmission. The symbiotic relationship between student engagement, emotional well-being, and academic performance became apparent. Institutions raced to address the immediate demands of remote education, recognizing the need to foster a supportive environment that nurtured both learning and emotional adaptability (Klinger & Coffman, 2023).

The paradigm shift underscored the importance of student participation in the post-COVID educational landscape. This involvement emerged as crucial for overcoming the challenges of remote learning and fostering resilience in the face of uncertainty (Parker & Conversano, 2021). The chapter delves into these themes, shedding light on the unanticipated consequences of remote learning and the toll it takes on students' emotions. It emphasizes the necessity of laying a foundation that equips students to thrive in a dynamic environment, illustrating the evolving educational landscape's complexities.

Fostering Student Engagement: A Pillar of Post-Covid Education

The COVID-19 pandemic prompted a rapid and profound transformation in education, necessitating a re-evaluation of teaching methods. A central focus emerged on student engagement as a cornerstone for post-pandemic education (Fernandez & Shaw, 2023). This engagement not only facilitates resilience and adaptation but also maintains a connection to the learning process (Foster, 2023). This article delves into various dimensions of student involvement in the post-COVID educational landscape, highlighting its

significance, adaptability to hybrid learning, innovative teaching techniques, and the role of digital tools.

Student engagement goes beyond mere attendance; actively involved students exhibit curiosity, investment, and motivation for learning (Parra, 2021). Research indicates that engaged students perform better academically, retain knowledge more effectively, and possess intrinsic motivation (Klinger & Coffman, 2023). This engagement is particularly vital in the post-COVID era as it bridges the gap between learning experiences and a sense of continuity, especially given the challenges of remote and hybrid learning (Bozkurt et al., 2022).

Hybrid learning blurs the lines between physical and virtual classrooms. Educators must comprehend student participation in both contexts to seamlessly integrate offline and online interactions (Currie et al., 2020). Asynchronous engagement through online forums, virtual simulations, and synchronous lessons are crucial strategies in this setting (Deshmukh, 2021).

Innovative pedagogical practices have gained traction post-pandemic. Adapting to diverse learning needs, strategies such as flexible teaching, project-based learning, and flipped classrooms empower students to steer their educational journeys (Zabalawi et al., 2022). By tailoring curricula to individual interests and encouraging self-directed exploration, educators enhance participation and connection to the material.

Digital tools have shifted from supplementary to integral in education. Video conferencing, online collaboration platforms, interactive tests, virtual labs, and gamified activities enhance engagement and cater to digital-native students (Zhao et al., 2020). Technology enables progress tracking, timely feedback, and adaptable lessons, fostering meaningful interaction with course materials beyond traditional classrooms (Gupta & Ishida, 2022).

In essence, this chapter underscores that student engagement is pivotal for the resilience of post-pandemic education. It emphasizes the adaptability required for hybrid learning, the innovation in pedagogy, and the strategic use of digital tools to enhance interaction and participation. As education evolves, nurturing student engagement remains a steadfast pillar in the ever-changing educational landscape.

Resilience as a Cornerstone of Student Well-Being and Success

In the wake of the COVID-19 pandemic, the significance of fostering student resilience has emerged as a pivotal factor influencing both their academic success and well-being. The pandemic's upheavals have underscored the importance of resilience as an essential skill for students to navigate the uncertainties of the post-pandemic educational landscape (Siegel et al., 2022). This article delves into the crucial role of resilience in student development,

with discussions on the supportive role of educational institutions, the implementation of social-emotional learning (SEL) programs, and the significance of counselling services.

Resilience, more than just an inherent trait, is a trainable capacity. Resilient individuals display adaptability, positivity, and perseverance in the face of challenges (Fernandez & Shaw, 2023). The pandemic's disruptions have highlighted the need to teach resilience as a tool for managing future uncertainties. Enhancing resilience in students not only bolsters their emotional well-being but also equips them with the inner strength to overcome adversity (Gupta & Ishida, 2022).

Educational institutions hold a unique responsibility in fostering resilience. By creating supportive environments that encourage risk-taking, problem-solving, and growth mindsets, institutions can help students rebound from setbacks (An et al., 2021). These environments should provide safe spaces for students to push their boundaries, confront challenges, and learn from failures (Bozkurt et al., 2020). Moreover, institutions play a pivotal role in fostering a sense of community and belonging, which contributes to students' development and well-being (Bozkurt et al., 2022).

Social-emotional learning (SEL) programs have gained traction as effective tools for cultivating emotional intelligence and resilience. These programs equip students with skills to comprehend and manage their emotions, build healthy relationships, and make informed decisions (Klinger & Coffman, 2023). Integrating SEL into curricula empowers students with the emotional competencies necessary to weather storms and navigate uncharted territories. SEL enhances self-awareness, empathy, and interpersonal skills, enabling individuals to surmount obstacles more effectively (Mahajan et al., 2023).

The pandemic's impact on students' mental health has underscored the importance of accessible and effective counseling services. Counseling not only addresses immediate emotional challenges but also imparts coping mechanisms that fortify resilience (Jandrić et al., 2022). Trained counselors provide a secure space for students to express concerns, process emotions, and develop resilient strategies for managing stress and adversity. These interventions foster emotional resilience by equipping students with the tools to recover from setbacks and support overall well-being (Parra, 2021).

In the aftermath of pandemic disruptions, nurturing student resilience has become a critical responsibility for educational institutions (Ossiannilsson, 2022). By fostering supportive environments, integrating SEL programs, and providing accessible counseling services, institutions empower students to confront challenges with adaptability and courage (Parker, 2021). As students navigate the evolving educational landscape, their capacity to embrace change and overcome obstacles significantly influences their success and

overall well-being. Educational institutions play a foundational role in preparing students for the dynamic post-COVID educational environment by promoting resilience (Li & Lalani, 2020).

Student Engagement and Resilience: Exploring a Symbiotic Relationship

In the landscape of post-COVID education, the intertwined dynamics of student engagement and resilience have emerged as pivotal pillars of student achievement (Li & Lalani, 2020). While distinct, these elements share a symbiotic relationship that profoundly impacts students' learning and personal development. This article delves into the interplay between student engagement and resilience, highlighting their interconnectedness and significance.

In a comprehensive approach within the educational realm, student engagement and resilience, often viewed as separate concepts, are intricately interwoven (Deshmukh, 2021). Engaged students exhibit a higher propensity for resilience in the face of challenges. Just as resilient adults possess the mental fortitude to actively participate in their learning, resilient students showcase a similar determination (Currie et al., 2020). This interdependence fosters a reinforcing cycle: engagement bolsters resilience, which reciprocally enhances engagement (Bozkurt et al., 2020). This synergy underscores the potential for educators and institutions to adopt a holistic approach, nurturing both cognitive and emotional growth.

Studies also reveal that resilient students demonstrate remarkable adaptability and a proactive approach to learning (Gupta & Ishida, 2022). Their ability to surmount obstacles reflects their eagerness to engage actively in education. This disposition drives them to delve deeper into subjects, participate in discussions, and seize opportunities for advancement (Parker & Conversano, 2021). By cultivating an environment that encourages curiosity, inquiry, and active involvement, educators can harness this trait to cultivate engagement through the lens of resilience.

Engaged students, having developed resilience through active participation, are better equipped to confront classroom challenges with tenacity (Cotter, 2022). They view hurdles as stepping stones for growth rather than insurmountable barriers. Armed with their proactive learning style, they tackle obstacles with unwavering determination, thereby fostering their own resilience (Klinger & Coffman, 2023). Consequently, learning transcends the mere transmission of information, transforming into a journey of personal development, where students acquire both engagement and resilience (Zabalawi et al., 2022).

In the ever-evolving landscape of post-COVID education, the symbiotic connection between student engagement and resilience takes centre stage (Mahajan et al., 2023). Understanding this interaction enables educators to

devise teaching methods that enhance resilient learning, active participation, and adaptive skills (Wong et al., 2023). This approach not only elevates academic outcomes but also equips students with the life skills essential for thriving in a dynamic world (Chan & Lam, 2023). By integrating engagement and resilience into the educational framework, students are empowered to navigate the challenges and opportunities of the "new normal," propelling them toward holistic success.

CONCLUSION

Student participation is a constant requirement in the ever-changing post-COVID educational environment. Educators may build a dynamic and resilient educational ecosystem by acknowledging its many advantages, adjusting to hybrid learning environments, embracing novel pedagogical approaches, and utilizing digital resources. Fostering student participation ensures that learning continues to be a journey of empowerment, connection, and transformation as we navigate this new normal.

In conclusion, we are laying the foundation for a future filled with flexible and empowered learners as we set out on this road of encouraging student engagement and resilience in the post-COVID educational landscape. Students become active participants in their education through engagement, and they become resilient through perseverance. By incorporating these strands into the educational fabric, we not only prepare students for the dynamic and uncertain future, but also help to create a resilient educational environment that celebrates progress, welcomes change, and equips people with the confidence and bravery to face the unknowable.

REFERENCES

- An, Y., Kaplan-Rakowski, R., Yang, J. et al. (2021). Examining K-12 teachers' feelings, experiences, and perspectives regarding online teaching during the early stage of the COVID-19 pandemic. *Education Tech Research Dev*, 69, 2589-2613. <https://doi.org/10.1007/s11423-021-10008-5>.
- Bozkurt, A., Jung, I., Xiao, J. et al. (2020). A global outlook to the interruption of education due to COVID-19 pandemic: Navigating in a time of uncertainty and crisis. *Asian Journal of Distance Education*, 15(1), 1-126.
- Bozkurt, A., Karakaya, K., Turk, M. et al. (2022). The Impact of COVID-19 on Education: A Meta-Narrative Review. *TechTrends*, 66, 883-896.
- Chan, C.K.K., & Lam, A.M.H. (2023). Making Visible the Dynamicity Shaping the Curriculum and Learning Landscape in the New Normal (The Case of Hong Kong Special Administrative Region). In: Trifonas, P.P., Jagger, S. (eds) *Handbook of Curriculum Theory and Research*. Springer International Handbooks of Education. Springer, Cham. https://doi.org/10.1007/978-3-030-82976-6_33-1.
- Cotter, V.F. (2022). *Leaning Into the Future: Building Beyond the Post-COVID-19 New Normal*. Rowman & Littlefield.
- Currie, G., Hewis, J., Nelson, T., Chandler, A., Nabasenja, C., Spuur, K., Barry, K., Frame, N., & Kilgour, A. (2020). COVID-19 impact on undergraduate teaching:

- Medical radiation science teaching team experience. *Journal of Medical Imaging and Radiation Sciences*, 51(4), 518-527. <https://doi.org/10.1016/j.jmir.2020.09.002>.
- Deshmukh, J. (2021). Speculations on the post-pandemic university campus- a global inquiry, *Archnet-IJAR*, 15(1), pp. 131-147.
 - Fernandez, A., & Shaw, G. (2023). Keeping students engaged: Lessons from the pandemic. In *INTED2023 Proceedings* (pp. 1013-1017). ISBN: 978-84-09-49026-4. ISSN: 2340-1079. doi: 10.21125/inted.2023.0306.
 - Gupta, A., & Ishida, C. (2022). Navigating the New Normal: An S-O-R Perspective on Student Experiences of Environmental, Psychological, and Behavioral Changes During the COVID-19 Pandemic. *Journal of Marketing Education*, 44(2), 166-190. <https://doi.org/10.1177/02734753211065124>.
 - Jandrić, P., Martinez, A.F., Reitz, C. et al. (2022). Teaching in the Age of Covid-19 – The New Normal. *Postdigit Sci Educ*, 4, 877-1015. <https://doi.org/10.1007/s42438-022-00332-1>.
 - Klinger, M.B. & Coffman, T. (2023). *The New Normal in Education: Teaching, Learning, and Leading*. Rowman & Littlefield.
 - Li, C., & Lalani, F. (2020). The COVID-19 pandemic has changed education forever. This is how. *World Economic Forum*. <https://www.weforum.org/agenda/2020/04/coronavirus-education-global-covid19-onlinedigital-learning/>.
 - Mahajan, R., Lim, W. M., Kumar, S., & Sareen, M. (2023). COVID-19 and management education: From pandemic to endemic. *The International Journal of Management Education*, 21(2). <https://doi.org/10.1016/j.ijme.2023.100801>.
 - Ossiannilsson, E.S.I. (2022). Resilient Agile Education for Lifelong Learning Post-Pandemic to Meet the United Nations Sustainability Goals. *Sustainability*, 14(16).
 - Parker, D.C. & Conversano, P. (2021). Narratives of Systemic Barriers and Accessibility: Poverty, Equity, Diversity, Inclusion, and the Call for a Post-Pandemic New Normal. *Frontiers in Education*, 6.
 - Parra, G.C. (2021). Educators' ICT Literacy: A Prerequisite for the Future of Education Post-COVID-19. *Asian Journal of Education and e-Learning*, 9(2), 52-56.
 - Siegel, A. A., Zarb, M., Alshaigy, B., et al. (2022). Teaching through a Global Pandemic: Educational Landscapes Before, During and After COVID-19. In *Proceedings of the 2021 Working Group Reports on Innovation and Technology in Computer Science Education (ITiCSE-WGR '21)*. Association for Computing Machinery, New York, NY, USA, 1-25. <https://doi.org/10.1145/3502870.3506565>.
 - Wong, K. M., Chan Hill, H., & Najera, E. (2023). Humanizing Online Language Teaching Through Instructional and Affective Moves: Reflections from an ELD Teacher. *The CATESOL Journal*, 34(1), 1-14.
 - Zabalawi, I., Kordahji, H., & Mourdaa, R. (2022). The 'New' Normal of Business Education in a Post COVID Era: The CDIO Approach. In: Badran, A., Baydoun, E., Mesmar, J. (eds) *Higher Education in the Arab World*. Springer, Cham. https://doi.org/10.1007/978-3-031-07539-1_7.
 - Zhao, J. H., Wu, P. Z., & Liu, G. (2020). *Guidance for Teachers: Online Education During COVID-19 Pandemic*. UNESCO. <https://iite.unesco.org/wp-content/uploads/2020/06/Guidance-for-Teachers.pdf>.