

DISRUPTIVE INNOVATION & ITS IMPACT ON TRADITIONAL INDUSTRIES: A LITERATURE REVIEW OF DISRUPTIVE PRACTICES BY MVP

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Abstract

This literature review examines the transformative impact of disruptive practices in educational institutions, with a focused case study of MVP, a renowned educational institute. Conventional educational models, with rigid structures and traditional teaching methods, face significant challenges from disruptive innovations such as digital learning platforms, personalized education, and agile pedagogical approaches. This study explores how MVP's practices—emphasizing rapid iteration, learner-centric design, and technology integration—are reshaping educational landscapes. By synthesizing key literature, the review identifies patterns, challenges, and opportunities associated with these disruptive shifts. The findings highlight the critical role of adaptability, innovation, and strategic leadership in fostering resilient educational environments. This paper provides a comprehensive framework for understanding how traditional education systems can transition from legacy practices to transformative, future-ready models.

Keywords: Disruptive Innovation, Educational Transformation, Innovative Pedagogy, Digital Learning, Agile Education, Educational Leadership

Introduction

In the rapidly evolving landscape of education, traditional institutions are increasingly challenged by the need to adapt to technological advancements, shifting pedagogical paradigms, and the growing demand for personalized learning experiences. Maratha Vidya Prasarak Sanstha (MVP), Nashik, stands as a prominent example of an educational institute that has embraced disruptive practices to redefine the boundaries of traditional education. Established in 1914 with the motto "*Bahujan Hitay Bahujan Sukhay*", i.e. Wellbeing and happiness of masses, MVP has consistently demonstrated a commitment to innovation, integrating modern teaching methodologies, digital infrastructure, and student-centric approaches. These initiatives are fostering academic excellence and promoting holistic development with the key focus on comprehensive development students.

This paper explores the transformative journey of MVP as an educational institution, analyzing how its disruptive practices have impacted traditional education models. By reviewing relevant literature and examining MVP's strategic initiatives, this study aims to uncover the key factors that have enabled the institute to navigate the challenges of a dynamic educational environment.

Objective of the Study

- To analyze the concept of disruptive practices in the context of educational institutions, with a focus on MVP (Maratha Vidya Prasarak Sanstha), Nashik.
- To identify the key disruptive practices adopted by MVP, including technological integration, pedagogical innovations, and curriculum reforms.
- To evaluate the impact of these disruptive practices on academic performance, student engagement, and institutional growth.

Research Methodology

This study employs a qualitative research approach with a focus on a literature review to explore the disruptive practices implemented by Maratha Vidya Prasarak Sanstha (MVP), Nashik, and their impact on traditional educational models. The methodology is structured to ensure a comprehensive understanding of the subject through systematic analysis and synthesis of existing scholarly works. The research analyzes MVP's approach to disruptive practices in education. The study relies on secondary data, collected through Academic Journals and Research Papers, Institutional Reports and Publications, Online Databases and Libraries to understand MVP's specific initiatives and their outcomes.

Literature Review

Disruptive practices have emerged as a central focus in academic and technology transformation in education system. Which provides education to the students in a cost-effective way. Disruptive technologies in education such as Online resources, internet of things, virtual reality, artificial intelligence etc. have important impact on education system. These technologies are now widely used to support learning and teaching. The literature on disruptive practices highlights a range of phenomena that are transforming established educational system and organizational structures. This review explores the shift from tradition to transformation of MVP.

1. **Jones M. and Lau A.** examine the potential of e-learning as a transformative force in higher education through a case study. They emphasize how the introduction of new demands in a university's e-learning project led to adaptations and the evolution of teaching methods. The authors also discuss various aspects, including learning and teaching pedagogy, organizational structure, teaching strategies, management, and the university's culture. In conclusion, the paper highlights e-learning as a change agent for universities, supporting the transformation of teaching and learning processes.
2. **Sankar S. (2012)** explored the role of ICT in higher education, concluding that its adoption is primarily driven by large class sizes and the growing demand for increased access to education.
3. **Borge M. (2016)** discussed the various applications of artificial intelligence (AI) in education, including its ability to automate basic tasks, provide students with additional support through AI tutors, offer more effective feedback from students to educators, and potentially transform the role of teachers. According to the author, AI can assist educators in class management and help deliver higher standards of teaching.
4. **Karsenti T. (2019)** presented various concepts of artificial intelligence used in education, including big data, algorithms, machine learning, and deep learning. The author also outlined 26 positive impacts of AI on education, such as personalized learning, improved academic success, continuous student assessment, the ability for teachers to adjust courses using MOOCs, intelligent tutoring platforms for distance learning, enhanced educational feedback, tailored teaching content, increased learning opportunities, immersive environments, dropout prevention, homework

assistance, and better classroom management. The paper concludes by emphasizing the importance of training teachers to effectively work with artificial intelligence.

5. **V N Pawar, General Secretary, Amrut Kumbha, (1985),** Stated that by introducing new trend we can achieve the true goal of MVP. He also stated that new technology, new trends and innovation in education is necessary for the good future.

MVP's Disruptive Innovation for Educational Transformation:

Maratha Vidya Prasarak Samaj (MVPS) was founded in 1914 in a time when 80% of India's population was illiterate, and society faced poverty and outdated customs. A group of young activists, believing in education as a means of social reform, began raising awareness and encouraging families to send their children to school. They initially supported five students by providing hostel facilities in a rented house. As awareness grew, the community began contributing financially and in-kind to the cause. Today the organisation has explored into more than 500 branches with all the streams of education from KG to PG and professional & technical education like Law, Architect, Engineering, Medical etc.

- **To analyze the concept of disruptive practices in the context of educational institutions, with a focus on MVP (Maratha Vidya Prasarak Sanstha), Nashik.**

Disruptive education is an innovative approach that challenges traditional learning models by introducing more effective and transformative ways to educate individuals. It moves beyond conventional methods by incorporating new technologies and personalized learning experiences, such as the dual education model, to boost student engagement and improve learning outcomes. Other approaches, like blended learning, also take a similar route, but with different strategies.

MVP playing key role in the education sector of Nashik District has inculcated number of disruptive and innovative practices over the time.

Practices like

- Digital classroom
- Virtual Reality project
- Robotic Lab
- Online Learning Platform
- A/V Studio
- Use of New software & programmes like Karadi Path etc.
- Online Admission Process etc.

By adopting such innovative practices MVP has addressed the need of time & focused on practical learning along with theoretical or academic leaning.

- **To identify the key disruptive practices adopted by MVP, including technological integration, pedagogical innovations, and curriculum reforms.**

Heritage Museum an innovative & disruptive initiative by MVP:

In 2020, MVPS preserved the heritage building of the institute as the Udaji Maharaj Museum of Education Heritage, India's first museum dedicated solely to education. This museum honours the legacy of those who contributed to the institution, reflecting the cultural values and collective spirit that shaped its mission of social and educational empowerment. Udaji Maharaj Museum of Education Heritage is the museum having education as a main theme itself is the innovative initiatives as we can find museums of culture, artefacts, instrument but it is the museum with theme and includes artifacts, manuscripts, coins, thematic description etc. MVP through the museum has taken innovative approach towards educating people.

Value & life skill Programme: The visionary leader of the institute recognised the need of the time and accordingly introduced Value & Life skill programme for students. It is the programme which address the value cultivation and enhances the senses of ethical behaviour and responsibility. Through the programme like online quiz students as well as employee are given the values and assigned responsibility like environment sustainability, promotion of eco-friendly practices etc.

Robotic Lab: Introducing the technical value-based skill opportunity to the students at school level MVP has promoted new technology & addressed the need of time.

Digital Class Room: MVP have focused on providing the infrastructure for digital classroom for the better learning opportunities for students. Every school has been provided with the digital classroom facility. Most of the populace as well as branches are from remote area. But MVP has provided Digital Classroom in every school which has enhanced the learning experience for students.

• **Use of New software & programmes like Karadi Path etc:**

For the students at primary level new software like Karadi Path has been introduced for learning with fun. It has increased the learning experience for students as well as motivated them learn with fun.

Tie-up & intervention with SAP: By having MOU with SAP Germany MVP has provided innovative platform for students for technical education. This initiative has addressed the need-based education & fulfilled the market demands. Around 369 students are placed through the platform.

Use of Online Platform during Pandemic: Covid 19 given outbreak the online learning platform. MVP used the platform for serving the society during the pandemic. Healthcare facility was made available in pandemic and the whole project for executed using online platform.

MVP's various initiatives — from the Heritage Museum to technological advancements and global collaborations — showcase the institution's relentless pursuit of innovation in education, ensuring that students are equipped with the skills, values, and knowledge needed to thrive in a rapidly evolving world.

- **To evaluate the impact of these disruptive practices on academic performance, student engagement, and institutional growth.**

Disruptive education refers to an innovative approach that challenges traditional educational methods by introducing more effective, transformative learning experiences. This approach aims to enhance student engagement, foster practical learning, and incorporate modern technologies into the education system. MVP has emerged as a key player in the education sector of Nashik District, embracing several disruptive and innovative practices to address evolving educational needs.

Technological Integration and Pedagogical Innovations

MVP has consistently adopted disruptive educational practices that integrate technology, promote hands-on learning, and improve overall educational outcomes. Practices like digital classrooms, virtual reality projects, robotic labs, and the online learning platform have been implemented to provide students with cutting-edge tools and resources that bridge the gap between theoretical knowledge and practical application. These practices not only enhance the learning

experience but also make education more engaging and accessible, especially for students in remote areas.

For instance, digital classrooms are provided in all MVP schools, ensuring that students, regardless of their geographical location, benefit from an enriched learning environment that includes multimedia, interactive lessons, and access to a wide array of digital resources. The use of new software programs like Karadi Path helps create a fun and interactive learning experience, particularly for primary school students, making learning more enjoyable and motivating them to engage with the material.

Curriculum Reforms and Lifelong Learning

MVP has also focused on reforming the curriculum to meet the demands of the modern world. The Value & Life Skills Program exemplifies this commitment, equipping students with essential ethical and social skills such as responsibility, environmental sustainability, and eco-friendly practices. This program not only focuses on academic achievement but also nurtures the development of well-rounded individuals who are prepared to contribute to society.

Additionally, MVP's collaboration with SAP Germany has resulted in the creation of a platform that provides students with technical education aligned with industry needs. By preparing students for the workforce with real-world skills, MVP ensures that their education is relevant and market-oriented. The successful placement of 369 students through this platform highlights the effectiveness of this initiative.

Heritage Museum as a Disruptive Initiative

One of MVP's most innovative contributions is the Udaji Maharaj Museum of Education Heritage, India's first museum dedicated solely to education. This museum serves as a unique and transformative space, preserving the legacy of education while fostering a deeper understanding of the cultural values that have shaped educational practices in India. By focusing on education as its central theme, the museum stands apart from traditional museums that focus on culture, art, or history. It offers a comprehensive collection of educational artifacts, manuscripts, coins, and thematic descriptions, making it a valuable resource for students, educators, and the wider community.

Addressing Crisis Through Online Platforms

During the Covid-19 pandemic, MVP demonstrated its resilience and adaptability by leveraging online platforms for uninterrupted education. The

institution ensured that students had access to learning resources and continued their education despite the challenges posed by the pandemic. MVP also provided critical healthcare facilities and executed various social welfare initiatives using online platforms, serving as a lifeline for the community during difficult times.

Conclusion

This literature review has explored the transformative role of disruptive practices in education, with a specific focus on Maratha Vidya Prasarak Samstha (MVP) and its innovations. MVP's journey from tradition to transformation is a powerful example of how educational institutions can navigate the complexities of modern-day challenges while preserving the essence of their core mission. The integration of cutting-edge technologies, learner-centric pedagogies, and a focus on holistic development has not only enhanced academic performance but has also significantly contributed to student engagement and institutional growth.

MVP's disruptive practices exemplify how educational institutions can transition from traditional models to more adaptive, future-ready frameworks. The integration of technology, pedagogical innovation, and cultural preservation provides a comprehensive roadmap for other institutions to follow. By embracing these changes, MVP not only contributes to the advancement of education but also ensures its lasting impact on future generations. This research highlights the significant role of innovation in education and its potential to reshape educational landscapes for a more sustainable and equitable future.

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