



Proposed Educational Policies and Structural Changes in Educational Development in Bangladesh

Rashed AHMED*

**North South University, Dhaka, Bangladesh*

Abstract

This article explores the proposed educational policies and structural changes in Bangladesh aimed at fostering inclusivity, quality, and innovation in education. By analyzing existing challenges and reform initiatives, the study provides a comprehensive understanding of the educational development landscape in Bangladesh. The study aims to identify key areas of reform in Bangladesh's education system, assess the feasibility and effectiveness of proposed policies, and highlight the challenges and opportunities associated with implementing these reforms. The research method is a literature review, which involves examining existing policies, reports, and academic papers on educational reforms in Bangladesh. The proposed educational policies and structural changes in Bangladesh reflect a comprehensive approach to addressing existing challenges and preparing for future demands. By focusing on inclusivity, quality, and innovation, these reforms have the potential to transform the educational landscape and contribute significantly to the country's socio-economic progress. Implementation challenges and offers insights into the potential impact of these reforms on achieving Sustainable Development Goal 4 (SDG 4).

Keywords: Education, education policy, education development, Bangladesh

Acknowledgments: Thanks to all parties who have supported the implementation of this research.

For citation:

Ahmed, R. (2025). Proposed Educational Policies and Structural Changes in Educational Development in Bangladesh. *Journal of Digital Learning and Distance Education*, 3(11), 1346-1353. <https://doi.org/10.56778/jdlde.v3i11.455>.

Introduction

Education plays a pivotal role in shaping the socio-economic development of a nation (Goczek et al., 2021). In Bangladesh, educational development has been a critical component of national strategies aimed at reducing poverty, fostering innovation, and achieving sustainable

growth (M. J. Alam et al., 2024); (Fallah Shayan et al., 2022); (Ayoo, 2022); (Mondejar et al., 2021). However, despite notable progress in areas such as primary education enrollment and gender parity, the education system continues to face significant challenges, including resource constraints, quality disparities, and inequitable access (Amulya Jeevanasai et al., 2023); (A. Alam & Mohanty, 2023). This article explores the proposed educational policies and structural changes aimed at addressing these issues, fostering inclusivity, and aligning with global standards, particularly in the context of Sustainable Development Goal 4 (SDG 4).

Education policy in the context of digital learning and distance education is a multifaceted topic that involves the integration of technology, the adaptation of teaching methods, and the consideration of social influences. The research papers provided offer insights into how education policy is shaped by systematic reviews, lifelong learning, national policies, pandemic responses, and social media influences. These elements collectively inform the development and implementation of effective education policies (Umair et al., 2024); (Wang et al., 2024).

Political Influence: Politicians are significant in conceptualizing and initiating large-scale education reforms. The political context can significantly impact the development and implementation of education policies, as seen in case studies of education system reforms (Dudley, 2024). **Teacher Training and School Management:** Effective education policies are crucial for teacher training and school management. Policies that adapt to local needs and involve all participants in the educational process can substantially improve educational quality and management (Garcia et al., 2024). **Evaluation and Adaptation:** Evaluating education policies is essential for assessing their effectiveness and identifying areas for improvement. This process involves comparing goals with outcomes to determine the success of implemented policies and make necessary adjustments (Al-Fatih et al., 2024).

The primary objective of this research is to examine the proposed educational policies and structural changes in Bangladesh and evaluate their potential to address current challenges, improve access to quality education, and align with international standards. The study aims to:

1. Identify key areas of reform in Bangladesh's education system.
2. Assess the feasibility and effectiveness of proposed policies.
3. Highlight the challenges and opportunities associated with implementing these reforms.

Methodology

This research adopts a qualitative approach, utilizing secondary data sources for analysis. Key steps in the methodology include:

1. Literature Review: Examining existing policies, reports, and academic papers on educational reforms in Bangladesh.
2. Policy Analysis: Evaluating the proposed changes in the National Education Policy and other government initiatives.
3. Comparative Analysis: Comparing Bangladesh's reforms with successful practices in other developing countries.
4. Stakeholder Insights: Incorporating insights from reports by international organizations such as UNESCO, UNICEF, and the World Bank.

Implementation of Methodologies

To conduct the research, the following steps were implemented:

1. **Data Collection:** Relevant documents, including the National Education Policy (2010), reports by international organizations, and academic articles, were collected from credible sources.
2. **Thematic Analysis:** Data were categorized into themes such as curriculum modernization, equity, digitalization, and vocational training. This helped in identifying patterns and gaps in the existing literature.
3. **Comparative Framework:** Successful educational policies from countries with similar socio-economic contexts were reviewed and used as benchmarks to assess Bangladesh's reforms.
4. **Synthesis of Findings:** Insights from the analysis were synthesized to provide a comprehensive view of the challenges, opportunities, and potential impact of the proposed reforms.

Historical Aspect

The history of education in Bangladesh is deeply rooted in its socio-political and cultural evolution. During the colonial period, education was primarily accessible to the elite and focused on producing administrative personnel for the British Empire. The post-independence period in 1971 marked a significant turning point, with the government prioritizing literacy and universal primary education. The introduction of the National Education Policy (NEP) in 2010 was a milestone in modernizing the education system and aligning it with global standards (Liang & Li, 2025); (Ashokkumar et al., 2025); (Zhuang et al., 2025). Despite these efforts, historical inequities and systemic challenges continue to influence the current educational landscape, necessitating comprehensive reforms.

Proposed Educational Policies

- 1. Updates to National Education Policy (NEP)** The National Education Policy (NEP) of Bangladesh, first introduced in 2010, has been the cornerstone of educational reforms. Over the years, it has undergone periodic updates to reflect the changing demands of the global and local landscape.
 - 1.1 Curriculum Modernization** One of the key objectives of the updated NEP is to modernize the curriculum to align with global trends and national priorities. This includes the integration of Information and Communication Technology (ICT), promotion of Science, Technology, Engineering, and Mathematics (STEM) education, and the inclusion of life skills and environmental education (Belbase et al., 2022).
 - 1.2 Universal Primary Education** The NEP emphasizes achieving universal primary education by ensuring 100% enrollment and minimizing dropout rates. Initiatives such as free textbooks, stipends for disadvantaged students, and mid-day meal programs have been instrumental in this regard.
 - 1.3 Quality Assurance** To enhance the quality of education, the NEP proposes establishing uniform standards for teacher qualifications, school infrastructure, and student assessments. This includes continuous professional development programs for educators and the introduction of competency-based evaluation systems.
- 2. Emphasis on Equity and Inclusion** Bangladesh has made strides in reducing gender disparities in education, but achieving equity for all remains a challenge.
 - 2.1 Gender Parity** Targeted interventions, such as financial incentives for female students and the provision of separate sanitation facilities, have been proposed to encourage girls' education.

Awareness campaigns focusing on the importance of educating girls aim to change societal perceptions and practices.

2.2 Support for Marginalized Communities Special attention is being given to children from indigenous and marginalized communities. Multilingual education programs and locally relevant content are being developed to cater to their unique needs. Additionally, mobile schools and community learning centers are being considered for remote areas.

2.3 Special Education The NEP also prioritizes the inclusion of children with disabilities by improving accessibility in schools, training teachers on inclusive practices, and developing specialized curricula.

3. Digitalization and Technology Integration Technology is being increasingly recognized as a game-changer in education.

3.1 Smart Classrooms The government has proposed the introduction of smart classrooms equipped with digital tools to foster interactive learning. These classrooms are designed to provide students with hands-on experience in ICT and other technological applications.

3.2 Teacher Training on ICT To ensure effective use of digital tools, regular training programs for teachers on ICT integration in pedagogy have been proposed. These programs aim to bridge the digital literacy gap among educators (Aidoo & Chebure, 2024); (Gómez-Trigueros et al., 2019).

3.3 Online Education Platforms The development of government-supported online education platforms is another key focus. These platforms aim to provide free access to educational resources for students across the country, especially in rural and underserved areas.

4. Vocational and Technical Education Reform The mismatch between education and employment has highlighted the need for vocational and technical education reforms.

4.1 Skill-Based Programs The government is expanding skill-based training programs at the secondary and higher secondary levels to prepare students for the job market. These programs focus on sectors like agriculture, IT, and manufacturing.

4.2 Public-Private Partnerships (PPP) Collaboration with the private sector is being encouraged to design and deliver vocational training programs. This approach aims to ensure that the skills taught are aligned with industry needs.

5. Higher Education Development Higher education is a critical area of focus for fostering innovation and research.

5.1 Institutional Autonomy Granting more autonomy to public universities is a proposed reform aimed at enhancing governance and academic excellence. Autonomy would allow institutions to design their curricula, hire qualified faculty, and manage their finances more effectively.

5.2 Research and Development To promote innovation, the government is increasing funding for research and encouraging partnerships between universities and international institutions. Establishing centers of excellence in priority areas like renewable energy and biotechnology is also part of this initiative.

5.3 Quality Assurance Framework A robust quality assurance framework is being developed to accredit universities and colleges. This framework aims to standardize the quality of higher education across institutions.

6. Teacher Development Teachers are at the heart of the education system, and their development is a top priority.

- 6.1 Professional Development Programs** Regular training programs and workshops are being introduced to enhance teachers' pedagogical skills. These programs focus on modern teaching methods, classroom management, and subject expertise.
- 6.2 Attractive Compensation** To attract and retain talented educators, the government proposes improving salaries and benefits for teachers. Performance-based incentives are also being considered.
- 6.3 Accountability Systems** Accountability mechanisms, including performance evaluations and peer reviews, are being introduced to ensure the effectiveness of teachers and school administrators.
- 7. Infrastructure and Accessibility** Adequate infrastructure is essential for a conducive learning environment.
- 7.1 School Construction and Renovation** New schools are being constructed in underserved areas, and existing facilities are being renovated. Priority is being given to providing electricity, clean water, and proper sanitation.
- 7.2 Safe Environment** Ensuring the safety of students is a key focus. Measures such as boundary walls, disaster preparedness plans, and anti-bullying policies are being implemented.
- 7.3 Transportation Facilities** Transportation services are being introduced for students in remote areas to reduce travel barriers.

Reforms and Accomplishments

Despite these proposed policies, some notable reforms have already been implemented. For instance, the "Education for All" initiative has significantly improved primary school enrollment rates, while programs targeting gender parity have increased female participation in education (Murithi & Yoo, 2021). The establishment of the Sheikh Russel Digital Labs across schools has enhanced students' access to technology (Gupta et al., 2024); (Sheikh et al., 2021). Additionally, partnerships with international organizations like UNESCO have facilitated capacity building for educators. The government's allocation of resources to technical and vocational education has also witnessed an uptrend, leading to an increase in employable youth.

Future Prospects

The future of education in Bangladesh looks promising with continued reforms and international collaboration. By embracing innovation, addressing systemic challenges, and fostering partnerships, Bangladesh can create a resilient and inclusive education system. The adoption of AI in personalized learning, expansion of lifelong learning opportunities, and further investments in research and development are expected to shape the next phase of educational transformation. Moreover, a sustained focus on equity and quality will ensure that no child is left behind, aligning with the global agenda for sustainable development (Kioupi & Voulvoulis, 2019); (Mishra et al., 2023).

Challenges to Implementation

Despite these ambitious plans, several challenges must be addressed.

- 8.1 Corruption and Mismanagement** Corruption in fund allocation and project execution remains a significant hurdle. Strengthening governance and accountability is critical.
- 8.2 Teacher Shortages** The demand for qualified teachers far exceeds the supply, particularly in rural areas. Addressing this gap requires targeted recruitment and training efforts.

8.3 Urban-Rural Disparity Bridging the divide in educational resources between urban and rural areas is essential for equitable development.

8.4 Financial Constraints Limited budgetary allocations for the education sector continue to restrict the scale and speed of reforms. Expanding public-private partnerships could mitigate this issue.

8.5 Cultural and Social Barriers Societal attitudes towards education, especially for girls and marginalized communities, need to evolve. Awareness campaigns and community engagement are necessary to drive change.

Conclusion

The proposed educational policies and structural changes in Bangladesh reflect a comprehensive approach to addressing existing challenges and preparing for future demands. By focusing on inclusivity, quality, and innovation, these reforms have the potential to transform the educational landscape and contribute significantly to the country's socio-economic progress. However, effective implementation and sustained political commitment are crucial for realizing these ambitious goals. This article explores the proposed educational policies and structural changes in Bangladesh aimed at fostering inclusivity, quality, and innovation in education. By analyzing existing challenges and reform initiatives, the study provides a comprehensive understanding of the educational development landscape in Bangladesh. Key areas of focus include curriculum modernization, equity and inclusion, digitalization, vocational education, higher education, teacher development, and infrastructure improvement. The study also discusses implementation challenges and offers insights into the potential impact of these reforms on achieving Sustainable Development Goal 4 (SDG 4). The proposed educational policies and structural changes in Bangladesh reflect a comprehensive approach to addressing existing challenges and preparing for future demands. By focusing on inclusivity, quality, and innovation, these reforms have the potential to transform the educational landscape and contribute significantly to the country's socio-economic progress.

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