

# A Study on Early Childhood Mainstream Education: Opportunities and Challenges under NEP 2020

Lalwani Kalpana T\* and Dr. Rashmi Sakarwal\*\*

\*Research Scholar, Mahatma Jyoti Rao Phoole University, Jaipur, Rajasthan

\*\*Assistant Professor, Mahatma Jyoti Rao Phoole University, Jaipur, Rajasthan

kalpanalalwani20@gmail.com and rashmisakarwal@gmail.com

**Abstract:** *The National Education Policy (NEP) 2020 has brought a paradigm shift in the Indian education system, particularly in early childhood education (ECE). This research article critically examines the opportunities and challenges associated with the implementation of mainstream early childhood education under NEP 2020. By analysing policy provisions, implementation strategies, and existing barriers, this study aims to provide insights into how NEP 2020 can enhance the foundational learning experiences of children. The policy highlights the need for teacher training programs to include methods for teaching children with specific disabilities. Currently, less than 40% of schools have ramps, and only about 17% have accessible restrooms, which are major barriers for children with disabilities. NEP 2020 aims to create an inclusive education system where children with disabilities can participate equally in all aspects of schooling.*

*This paper explores the provisions of NEP 2020 for Divyangjan emphasizing the importance of barrier-free education to integrate them into mainstream learning. The policy represents a significant step toward creating an inclusive and equitable education system in India. Additionally, the paper explores international best practices in ECE and how India can adopt and adapt global models to strengthen its early learning framework. To assess the impact of NEP 2020 on early childhood education.*

**Keywords:** Early Childhood Education, NEP 2020, Foundational Learning, Mainstream Education, Policy Implementation, Early Learning, Inclusive Education Etc.

## I. INTRODUCTION

The National Education Policy (NEP) 2020, introduced by the Government of India, places significant emphasis on restructuring early childhood education (ECE) as a critical phase in mainstream education. This literature review investigates opportunities and challenges associated with implementing ECE under NEP 2020 and synthesizes perspectives, themes, and key debates from the existing body of literature. The review identifies critical gaps in research and practice, offering a pathway for further inquiry.

NEP 2020 is a transformative framework that seeks to create a robust foundation for lifelong learning through a holistic, integrated, and multidisciplinary approach in education. Research emphasizes the critical period of brain development in children from ages 3 to 8, underlining the importance of quality pedagogy and infrastructure for ECE (Kaul & Sankar, 2021). However, evidence suggests the coexistence of transformative potential and structural challenges in implementing these objectives.

Early childhood education (ECE) is crucial for cognitive, emotional, and social development. Research indicates that early experiences shape a child's lifelong learning abilities and socio-emotional well-being. NEP 2020 acknowledges the significance of early childhood learning and integrates it into mainstream education, marking a significant reform in India's education sector. The policy introduces a structured curricular framework for children aged 3-8 years, emphasizing activity-based, play-based, and multilingual learning.



Despite these promising changes, the successful implementation of mainstream ECE under NEP 2020 faces multiple challenges, including inadequate infrastructure, lack of trained educators, and financial constraints. This study explores the opportunities and challenges arising from this integration and provides a comprehensive analysis of its impact on the education system in India.

## II. LITERATURE REVIEW

Globally, countries like Finland, Sweden, and New Zealand have well established early childhood education models that emphasize child-centered pedagogy and educator training. According to UNICEF, early education enhances literacy, numeracy, and social skills, leading to better academic performance in later years. Studies by UNESCO suggest that strong ECE programs reduce dropout rates and promote equity in education.

Previous education policies in India, such as the National Policy on Education (1986) and the Right to Education Act (2009), recognized the importance of early learning but lacked structured implementation. NEP 2020, for the first time, integrates ECE into formal education through the 5+3+3+4 curricular structure, addressing past gaps and setting the foundation for universal early education. The existing literature on inclusive education in India highlights significant gaps in infrastructure, teacher training, and support systems for children with disabilities. According to recent surveys, less than 40% of schools have basic accessibility features such as ramps, and only about 17% have accessible restrooms. These statistics underscore the challenging landscape that NEP 2020 aims to transform. This section discusses global and national perspectives on early childhood mainstream education, comparing India's policies with international models. A significant opportunity presented under NEP 2020 is the integration of preschool education into the foundational stage of school education. Studies note that the 5+3+3+4 curricular design simplifies transitions between pre-primary and primary school education (Mehendale et al., 2020).

The emphasis on activity-based learning draws on global best practices, expected to improve learning outcomes.

The policy also promotes mother tongue or local language as the medium of instruction in early years, which aligns with research indicating improved cognitive and socio-emotional development through native language instruction (UNESCO, 2021).

NEP 2020 aims to ensure universal access to quality ECE by 2030. It seeks to bring children from marginalized communities into the fold of formal education, addressing the digital and gender divides (Kumar & Raza, 2022). The involvement of Anganwadi workers in formal education is another step toward universalizing access, merging outreach and institutional support structures.

### Gaps in Existing Literature\*\*

**Impact of Multilingual Education:** There is insufficient evidence on how multilingual education impacts children's learning outcomes in ECE, particularly in linguistically diverse states like India.

**Evaluation Metrics for ECE Programs:** A critical gap lies in defining and standardizing metrics to evaluate the effectiveness of ECE programs under NEP.

**Role of Technology:** Research insufficiently explores how technology can complement teacher-driven methodologies in ECE, especially across rural regions.

**Private vs. Public Sector Readiness:** Literature rarely addresses the disparities in readiness levels between public and private educational institutions to adopt NEP reforms.

### Gaps of the research

One of the most significant challenges is the lack of trained early childhood educators. While NEP emphasizes professional development, a national survey in 2022 indicated that over 60% of preschool teachers had limited access to resources or training (Sharma, 2022).

### Lack of Clarity on Assessment Mechanisms

Another key challenge is setting appropriate methods to monitor learning outcomes among children. The absence of well-defined assessment strategies for holistic learning remains an overlooked issue (Muralidharan, 2023).



### **Objectives of the Study**

- To analyse the policy framework of NEP 2020 concerning early childhood education.
- To identify the opportunities provided by NEP 2020 in enhancing early childhood education.
- To explore the challenges in implementing mainstream ECE under NEP 2020.
- To compare India's ECE framework with global best practices.
- To suggest measures for effective implementation of NEP 2020's ECE reforms.

### **III. RESEARCH METHODOLOGY**

This study follows a mixed-method approach. Primary data is collected through surveys and interviews with educators, policymakers, and parents. Secondary data is obtained from government reports, academic articles, and policy documents. A sample size of 500 participants across different states is considered for analysis, including urban and rural regions to assess disparities in ECE implementation.

NEP 2020 and Early Childhood Education NEP 2020 aims to universalize ECE by integrating it into formal schooling. The policy introduces:

- A structured framework for foundational learning (ages 3-8 years).
- A play-based and activity-based pedagogy.
- Multilingual learning approaches to accommodate India's linguistic diversity.
- Training and capacity building for educators, ensuring they are well-equipped to handle early learners.
- Emphasis on nutrition, health, and overall well-being in conjunction with early learning.

### **Opportunities under NEP 2020**

- Universalization of ECE: NEP 2020 ensures access to quality early education for all children, particularly those from marginalized communities.
- Curricular Reforms: The integration of play-based and holistic learning fosters creativity, critical thinking, and socio-emotional development.
- Teacher Training: The policy emphasizes continuous professional development for teachers specializing in early childhood pedagogy.
- Parental Engagement: NEP 2020 promotes active parental involvement in a child's early education through awareness campaigns and community engagement programs.
- Digital Learning: The use of digital tools, AI-driven learning platforms, and interactive content enhances accessibility and inclusivity in ECE.
- Increased Government Support: Public-private partnerships and NGO collaborations are encouraged to strengthen ECE infrastructure.
- Inclusivity in Learning: Special emphasis on children with disabilities and differently-abled learners through adaptive and inclusive learning methods.
- Integration with Anganwadi Systems: Bridging the gap between pre-primary education and formal schooling by strengthening existing Anganwadi centres.

### **Challenges in Implementing Mainstream ECE**

- Infrastructure Deficiency: Many rural and underprivileged areas lack proper classrooms, educational materials, and basic facilities.
- Shortage of Trained Educators: There is an insufficient number of qualified early childhood educators due to inadequate training programs.
- Funding Constraints: Limited financial resources make it difficult to implement widespread ECE programs effectively.



- Assessment and Evaluation: Lack of standardized assessment techniques for early childhood learners leads to inconsistencies in tracking learning outcomes.
- Language Barriers: Implementing multilingual education effectively remains a challenge due to India's linguistic diversity.
- Parental Awareness: Many parents, particularly in rural areas, are unaware of the significance of early childhood education, leading to lower enrolment rates.
- Integration with Existing Systems: Difficulty in merging Anganwadi and private preschool curricula into mainstream education frameworks.
- Resource constraints in rural areas-
- Need for specialized support for children with disabilities

### **Comparative Analysis:**

Global Best Practices Countries like Finland and Sweden have successfully implemented structured early childhood education programs with state funding, strong teacher training modules, and child-centric learning environments. Comparing India's NEP 2020 with global models reveals key areas for improvement:

#### **Finland:**

Emphasizes experiential learning and teacher autonomy.

#### **New Zealand:**

Uses a play-based curriculum (The Harika) that focuses on cultural inclusivity.

#### **Singapore:**

Implements structured early literacy and numeracy programs alongside social-emotional learning.

Adapting successful elements from these models could help strengthen India's

### **ECE framework under NEP 2020.**

Recommendations for Effective Implementation

- Strengthening Infrastructure: Collaboration between government and private sectors to improve ECE facilities.
- Prioritize the construction of accessible facilities - Create inclusive learning environments - Develop specialized learning resource
- Capacity Building: Comprehensive teacher training programs focusing on child psychology and pedagogical innovations.
- Financial Investment: Increased budget allocation for ECE programs and robust public-private partnerships.
- Policy Monitoring: Establishing monitoring mechanisms to track progress and ensure accountability. Policy Implementation: - Establish clear implementation timelines - Develop monitoring mechanisms - Create feedback systems for continuous improvement
- Community Participation: Encouraging local communities to play an active role in ECE initiatives.
- Awareness Campaigns: Conducting campaigns to educate parents and caregivers about the benefits of early childhood education.
- Technology Integration: Leveraging AI and digital tools to bridge gaps in access and learning methodologies.
- Language-Friendly Approach: Development of region-specific multilingual learning materials.

**Future Prospects of Early Childhood Education under NEP 2020 With Proper Implementation, NEP 2020 has the potential to:**

- Enhance foundational learning outcomes nationwide.
- Reduce dropout rates by ensuring a strong educational foundation.
- Foster a more inclusive and equitable education system.
- Bridge the urban-rural divide in early childhood learning opportunities.
- Improve overall literacy and numeracy rates in the long run.



#### **IV. CONCLUSION**

NEP 2020 presents a transformative opportunity for early childhood mainstream education in India. While significant challenges exist, strategic interventions and policy refinements can help achieve universal, quality foundational learning. Collaborative efforts from policymakers, educators, parents, and communities are essential to overcoming these barriers. Addressing funding gaps, teacher training, and infrastructure development will ensure that every child receives the benefits of early childhood education, ultimately strengthening India's education system.

**Recommendation of the Future research:** Future research must focus on assessing the policy's on-ground impact through longitudinal studies that explore regional differences, the efficacy of teacher training, and holistic learning Recommendation for children from diverse backgrounds.

#### **REFERENCES**

- [1]. Government of India. (2020). National Education Policy 2020. Ministry of Human Resource Development.
- [2]. UNESCO. (2020). Global Education Monitoring Report: Inclusion and Education.
- [3]. UNICEF. (2019). Early Childhood Education in India: A Strong Foundation for Learning. 4. World Bank. (2020). Inclusive Education Initiative: Transforming Education for Children with Disabilities.
- [4]. ASER Centre. (2019). Annual Status of Education Report (Rural) 2019.
- [5]. Ministry of Education. (2021). NEP Implementation Guidelines for Early Childhood Education
- [6]. OECD. (2021). International Best Practices in Early Learning.
- [7]. Various academic journals and policy analysis reports.
- [8]. Kaul, V., & Sankar, D. (2021). "Strategic Reforms in India's ECE under NEP 2020." Contemporary Education Review, 14(3), pp. 123-135.
- [9]. Kumar, A., & Raza, M. (2022). "Universalization of ECE: Challenges Facing Anganwadi System Post-NEP." Indian Journal of Child Development Studies.
- [10]. Mehendale, A., et al. (2020). "Mainstreaming Preschool Education: Opportunities under New Education Policy." Primary Education Quarterly
- [11]. Muralidharan, K. (2023). "Assessment Mechanisms in Early Learning: Prospects and Gaps." Indian Education Studies Journal.
- [12]. Sharma, N. (2022). "Role of Teacher Training in NEP's ECE Implementation." Education and Policy Implementation Review
- [13]. Srivastava, R. (2021). "Bridging the Infrastructure Gap in Early Childhood Education." Social Policy and Education Studies.
- [14]. UNESCO. (2021). "The Role of Language in Early Education: A Global Perspective."

