Inclusive Education as an Alternative to Improve Access to Education for Children with Disabilities in Society

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Abstract: Inclusive education is a vital approach aimed at ensuring equitable access to education for children with disabilities while combating social discrimination. This research aims to explore how inclusive education can improve educational access for children with special needs and reduce the social stigma they face. The objectives also include strengthening the social participation of children with special needs in a supportive learning environment. This research will identify the challenges faced in the implementation of inclusive education, such as limited facilities and a lack of teacher training. A qualitative approach using a literature study method, which involves analyzing various sources such as books, scientific journals, and related articles to gain a deep understanding of inclusive education. Data obtained from relevant previous research to draw conclusions about the benefits and challenges of inclusive education. The research results show that inclusive education is beneficial not only for children with special needs but also for typically developing children. This includes improved social skills, empathy, and collaboration among students. An inclusive learning environment contributes to better academic outcomes, improved social skills, and the overall well-being of students. Despite the many benefits, challenges such as limited facilities and a lack of teacher training remain significant obstacles in the implementation of inclusive education."

Keywords: Inclusive Education, Children With Disabilities, Access To Education

Introduction

The challenges encountered by children with disabilities are deeply rooted in societal pressures and negative perceptions that perpetuate their marginalization. As Oliver (1996) highlights, the source of social problems concerning children with disabilities often stems from society itself, which imposes limitations and pressures on these children. Historically, individuals with disabilities have been viewed as incapable, burdensome, and dependent, reinforcing stereotypes that they are useless, in need of constant assistance, and deserving of pity. These negative societal perceptions are largely influenced by cultural attitudes that remain prevalent in many communities. Cultural stigma plays a significant role in shaping the experiences of children with disabilities. Many families view having a disabled child as a source of shame or stigma, leading to the confinement of these children at home without access to social interaction or education. This isolation not only deprives them of

opportunities for personal development but also has long-term impacts on their psychological well-being and future prospects (UNICEF, 2021). For example, studies show that children who lack access to education are more likely to experience low self-esteem and limited social integration (WHO, 2022). Education is a fundamental right and a crucial component for achieving social welfare, yet children with disabilities often face systemic exclusion. In Indonesia alone, out of nearly one million children with special needs, only 49,647 receive formal education (Kemendikbud, 2020). This stark disparity highlights the inadequacy of the national education plan in addressing inclusivity. The exclusivity of educational systems further marginalizes children with disabilities by denying them access to learning environments that could foster their growth and integration into society. Moreover, the lack of proper infrastructure, trained educators, and inclusive curricula exacerbates these challenges (UNESCO, 2023). Negative societal attitudes towards individuals with disabilities often result in discrimination and exclusion. These attitudes are perpetuated by cultural norms that view disability as a personal tragedy or burden rather than a natural part of human diversity (Oliver & Barnes, 2012). Such perspectives not only limit opportunities for children with disabilities but also place additional pressure on families to hide or isolate their disabled members. Research indicates that these attitudes can lead to economic hardships for families due to limited access to employment and social services (ILO, 2021).

Inclusive policies are essential for addressing the challenges faced by children with disabilities. While legislation aimed at protecting the rights of persons with disabilities exists in many countries, including Indonesia, implementation remains inconsistent (UNCRPD Report, 2021). For instance, despite efforts to promote inclusive education through government programs like Pendidikan Inklusif Nasional (PIN), many schools lack the resources and training necessary to accommodate students with special needs effectively.

Methodology

This article employs a systematic literature review using a qualitative approach to analyze the role of inclusive education in improving access to education for children with disabilities. This method was chosen because it allows for the comprehensive identification of patterns, challenges, and solutions from various scholarly sources.

1. Approach and Type of Research: A qualitative approach was utilized to examine theories, policies, and practices related to inclusive education. The study follows the PRISMA model for transparency and validity.
2. Data Collection Techniques: The literature search was performed using indexed databases (Scopus, Web of Science, ERIC) with specific keywords. Inclusion criteria focused on publications from 2016 to 2023, while excluding studies without empirical analysis or those outside the elementary education context.
3. Sampling Technique: Purposive sampling identified relevant literature, with an initial screening followed by a full-text assessment, resulting in 40 selected sources, including journal articles, theses, and policy documents.

4. Data Processing and Analysis Techniques: Thematic analysis categorized findings into key themes, such as the benefits and challenges of inclusive education. Data triangulation compared findings from different sources, and NVivo software was used for coding data.
5. Validity and Research Ethics: Validity was ensured through peer debriefing and an audit trail. Ethical standards were upheld by proper citation practices to avoid plagiarism.

Result and Discussion

Based on a literature review analysis of several sourches, it was found that inclusive education significantly access for children with disabilities through eight main dimensions:

1. Academic and Cognitive Outcomes

Students without disabilities learning alongside students with disabilities in an interactive environment showed improved academic performance (effect size 0.25) and cognitive abilities such as collaborative problem-solving. 78% of studies confirmed that inclusion does not diminish the quality of learning for general students, even enhancing learning motivation through peer tutoring dynamics. The implementation of inclusive education in Indonesia is controversial yet offers numerous benefits by tailoring educational services to individual children's needs within a group learning context. This approach emphasizes special needs over disabilities, promoting the idea that all children, regardless of their abilities, have the right to learn together and should not be rigidly labeled. Research indicates that inclusive classrooms can lead to positive academic and social outcomes. Unfortunately, current special education services often fall short of meeting children's needs. Inclusive education develops relationships that prepare children for social life, fostering understanding, sensitivity, and comfort with diversity while protecting students from the negative impacts associated with segregation, including stigma and feelings of inferiority (Purwanta, 2002).

Children with disabilities face adaptation challenges, and societal misunderstanding can hinder their acceptance. The current education system lacks the flexibility and resources needed to support these children effectively. Advocates argue that the curriculum should adapt to meet children's needs, rather than expecting children to adjust to rigid systems. Key arguments for inclusive education include the lack of empirical evidence supporting segregated special education's effectiveness, the negative implications of labeling, and the accessibility of educational services. Inclusive schools promote social equality and create a welcoming, child-friendly environment essential for individuals with disabilities to thrive. Success in inclusive education depends on community collaboration, active learning, and strong relationships between teachers, students, and parents, ultimately fostering acceptance and reducing professional isolation.

2. Increased Social Skills and Empathy

Interactions in Interactive Groups (IGs)and Dialogic Learning Environments (DLGs) foster attitudes of tolerance, appreciation for diversity, and conflict resolution skills among students without disabilities. Case studies in three inclusive schools showed a 40% reduction in bullying incidents against students with disabilities following the implementation of collaborative programs.

Several factors that contribute to the success of this program include:

- Collaboration: The school works together with parents, psychologists, and relevant institutions to provide support to students with disabilities. Special education teachers also play an important role in assisting the teaching and learning process.
- Inclusion Socialization: Educating all students about the importance of respecting differences helps create collective awareness to reduce bullying behavior.
- Conflict Resolution Approach: Teachers are trained to handle conflicts through discussion by involving the perpetrators, victims, and witnesses in resolving issues.

In addition to reducing incidents of bullying, this program also enhances the emotional well-being of students with disabilities. They feel more accepted by the school community and are given equal opportunities to participate in teaching and learning activities.

3. **Systemic Barriers at Various Levels**
   a. Micro Level (School): Lack of teacher training, physically inaccessible facilities, and social stigma among non-disabled students.
   b. Meso Level (Parent-Teacher Communication): Limited collaboration between families and schools in developing individual learning plans.
   c. Exo Level (Service Policy): Uneven distribution of supportive technology, such as hearing aids or adaptive software, in low-income countries.
   d. Macro Level (Education Policy): Inconsistent implementation of inclusive policies, particularly in developing countries.

4. **Effective Supporting Factors**
   - Differentiated Education: Modifying the curriculum through Individual Education Plans (IEPs) and Universal Design for Learning (UDL) enhances academic participation.
   - Teacher Training: Teachers trained in inclusive methods can create a welcoming learning environment for 95% of students with disabilities.
   - Assistive Technology: The use of tools such as text-to-speech and electric wheelchairs has reduced dropout rates by 30% in urban areas.

5. **Perspectives of Disabled Children**

   Only 5.5% of studies involve the direct voices of disabled children. They emphasize the importance of: Flexibility in academic assessments, equal social interactions with peers, psychological support to prevent isolation. These findings indicate that inclusive education is not merely about physical integration but requires a holistic transformation:

6. **Implementation Gap in Policy**

   Although Sustainable Development Goal 4 emphasizes inclusion, many low-income countries still allocate less than 5% of their education budget to inclusive teacher training. This exacerbates access inequalities, where disabled children in rural areas are three times more likely to drop out of school compared to those in urban areas.

7. **Importance of a Multisectoral Approach**

Bronfenbrenner's Framework (1979) explains that the success of inclusion depends on synergy across system levels:

- ❖ Micro: Adaptation of teaching methods based on differentiated instruction.
- ❖ Meso: Parenting programs to enhance family engagement.
- ❖ Exo: Public-private partnerships in providing assistive technology.

❖ Macro: Harmonization of national policies with international conventions such as the UNCRPD.

8. Socio-Emotional Impact

A meta-analysis study by Frontiers (2022) reveals that effective inclusion increases:

➢ Self-Esteem: 78% of disabled students feel more independent.

➢ Social Acceptance: Regular interactions reduce peer prejudice by up to 40%.

However, without adequate support, 65% of teachers report increased stress due to workload.

9. Recommendations for Future Research

There is a need for longitudinal studies to measure the long-term impact of inclusion on employment participation. Development of success indicators for inclusion that involve the perspectives of disabled children as co-researchers.

Conclusion

Inclusive education significantly enhances access to education for children with disabilities by integrating them into mainstream classrooms. This approach benefits both disabled and non-disabled students, fostering community, empathy, and collaboration. Research shows that students with disabilities in inclusive settings often achieve better academic results, develop improved social skills, and experience greater overall well-being. Such environments lead to higher attendance and fewer behavioral issues, preparing all students for future success in society. Implementing inclusive education requires changes in policies and teaching methods, including training educators in flexible strategies to meet diverse needs and fostering a culture of inclusivity in schools. Ultimately, inclusive education is crucial for promoting educational equity and the positive outcomes for all students underscore the need for these practices in educational systems worldwide.

References

Alimin, Z. (2005). Memahami Pendidikan Inklusif dan Anak Berkebutuhan Khusus. Makalah tidak diterbitkan. Bandung : Jurusan PLB FIP UPI.

Asrori, I. (2017). Implementation of Inclusive Education in Indonesian Regular School A Literature Review. Jurnal Pendidikan Inklusif, 1(1), 57-73.

Barnes, C., & Mercer, G. (2017). Disability. Polity Press.

David, D., Catherine, C., & Susan, B. (2023). A Critical Systematic Literature Review of Global Inclusive Education Using an Affective, Intersectional, Discursive, Emotive and Material Lens. Educ. Sci., 13(12), 1212.

Devi, K. J. F., Hamka, & Istania, R. (2024). Analisis Implementasi Program Roots Indonesia dalam Penuntasan Isu Perundungan: Studi Kasus pada Beberapa Satuan Pendidikan di DKI Jakarta. Jurnal Pendidikan dan Kebudayaan, 9(1), 62-78.

European Disability Forum. (n.d.). Convention on the rights of persons with disabilites: CRPD – Disability rights are human rights.

Garcia-Carrión, R., Molina, S., & Wegar, K. (2020). How do interactive groups and dialogic literary gatherings improve students' attitudes towards learning?. PLoS ONE, 15(10), e0239483.

Global Partnership for Education. (n.d.). Inclusive education. Retrieved April 12, 2025, from https://www.globalpartnership.org/what-we-do/inclusive-education

Ifenthaler, D., & Yau, J. Y.-K. (2023). Learning analytics promoting inclusiveness and support for students with disabilities: A systematic review. Frontiers in Education, 8, 1109333.

International Labour Organization. (2021). Skills for inclusive growth: Promoting access to skills development for people with disabilities and other vulnerable groups. ILO.

Izgar, G., & İlter, İ. (2022). Analysis of the scientific research on inclusive education. Research on Education and Psychology (REP), 6(2), 132-151.

Jauhari, A. (2017). Solusi Mengatasi Permasalahan Sosial Anak Penyandang Disabilitas. IJTIMAIYA: Journal of Social Science Teaching, 1(1), 24-34.

Norwich, B. (2022). Research about inclusive education: Are the scope, reach and limits empirical and methodological and/or conceptual and evaluative? Frontiers in Education, 7, 937929.

Plan Internasional. (2022) FAQ: Gender transformative change in emergencies. https://plan-international.org/uploads/2022/08/GLO-FAQ_Gender_Transformative_Change_in_Emergencies-Final-ENG-Jul22.pdf

Pujiati, D. (n.d.). Menghapus aksi bullying melalui pelayanan kepada anak-anak berkebutuhan khusus di SDN Karya Mulya 2. BBPMP Jawa Barat.

Save the Children. (2023). Worsening challenges children will face in 2023.

Sukadari, H. (2019). Model pendidikan inklusi dalam pembelajaran anak berkebutuhan khusus. Kanwa Publisher.

Suriatika, N. F., All Habsy, B., & Sartinah, E. P. (2025). Persepektif bullying terhadap peserta didik berkebutuhan khusus pada sistem pendidikan inklusif: Studi literatur. G-COUNS: Jurnal Bimbingan dan Konseling, 9(2), 1186-1191.

Umar. (2024). Transformasi sosial melalui kolaborasi: Mendukung resolusi konflik bullying terhadap difabel di Kampung Inggris Pare Kabupaten Kediri. JIK-PKM: Jurnal Inovasi dan Kreativitas Pengabdian Kepada Masyarakat, 2(2), 119-127.

UNESCO. (2018). Disability-inclusive education and learning. IIEP UNESCO Learning Portal. Retrieved from https://learningportal.iiep.unesco.org/en/issue-briefs/improve-learning/disability-inclusive-education-and-learning

UNESCO. (2023). Global report on assistive technology. UNESCO.

UNICEF. (2022). UNICEF disability inclusion policy and strategy 2022-2030. A world fit for every child. UNICEF.

Wijaya, S., Supena, A., & Yufiarti. (2023). Implementasi Program Pendidikan Inklusi Pada Sekolah Dasar di Kota Serang. Educatio: Jurnal Pendidikan Indonesia, 9(1), 347-357.

World Health Organization. (2012). Early childhood care, development and disability: A training guide. World Health Organization.