

## Optimization of Educational and Economic Management Towards Community Advancement: A Service Study for Improving Quality, Educational Access, and the Economy in Berme Village, Krucil District, Probolinggo Regency

1<sup>st</sup> Abu Hasan Agur R (✉), 2<sup>nd</sup> Moh. Idil Ghufon,  
1,2 Nurul Jadid University of Islamic Faculty, Probolinggo, Indonesia  
[masagusrm@unuja.ac.id](mailto:masagusrm@unuja.ac.id), [idil@unuja.ac.id](mailto:idil@unuja.ac.id)

**Abstract**— *Learning is an activity that occurs through active interaction with the environment, resulting in changes in knowledge, skills, and attitudes. The learning process can be recognized when there is a behavioral change in a person after interacting with their environment. Learning, in this sense, involves seeking knowledge from the time one is in the mother's womb until one reaches the end of life—a lifelong process of learning, from birth to the end of one's days.*

*Education plays a crucial role in societal advancement. Optimizing educational management is essential for achieving this goal by enhancing educational quality and accessibility. This study aims to explore the role of community service in improving educational quality and access, as well as strengthening educational management to achieve sustainable progress. The study adopts a qualitative approach involving various schools and educational institutions in urban and rural areas. Data were collected through in-depth interviews, participatory observations, and document analysis.*

*The study's results show that the primary challenges in educational management are the low quality and limited access to education, particularly in rural areas. Community service plays an important role in creating positive changes in educational management. Community service programs that involve local communities, teachers, parents, and other stakeholders help improve the quality of learning and educational infrastructure. Through these programs, communities can actively identify local issues and formulate solutions tailored to their needs.*

*From an economic perspective, enhancing educational quality and accessibility contributes to the local economy by developing a skilled workforce and fostering economic opportunities. By providing education to underserved communities, such initiatives lay a foundation for economic growth and long-term stability. Additionally, community service efforts increase educational access for disadvantaged populations. Programs such as scholarships, tutoring, and extracurricular activities involving local communities help reduce educational access gaps and improve student participation from various backgrounds.*

**Keywords**— *Educational and Economic Management, Community Advancement*

## 1 Introduction

Becoming a high-quality institution requires a close relationship with its customers. This also applies to parents as suppliers to the education system. They entrust their children to quality schools; thus, the school's responsibility is to work closely with them. The relationship between both parties

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✉ Corresponding author

is interdependent. If the educational institution provides a good service, it will reap positive support from the community as suppliers of the educational system.

From an economic perspective, high-quality education enhances the competitiveness of human resources in a region. This, in turn, contributes to economic development, as well-educated individuals can participate more productively in the workforce and drive local economic growth. Quality education also attracts more investment to the community because of the availability of skilled and knowledgeable human resources.

Quality is something that is difficult to define, yet it is highly desired in various activities, especially in education. Many educational institutions compete to improve the quality of education. According to Hendyat Soetopo, quality improvement covers not only input but also process and output. Quality input includes school leaders, teachers, counselors, staff, students (personnel), buildings and facilities, funding, materials, resources, structure, curriculum, regulations, job descriptions, operational mechanisms, as well as vision, mission, goals, and policies. Quality in the process includes decision-making, management, programs, teaching-learning processes, monitoring, and evaluation. Quality output involves school performance (achievements), measures used, effectiveness, productivity, efficiency, innovation, creativity, school life quality, discipline, morale, and both physical and non-physical results.

Education is now recognized as the primary factor in building the nation in an integral (comprehensive) way. Therefore, education must be prioritized if we want this country to prosper and advance. The answer lies in starting with and emphasizing quality education for the nation's children, which will ultimately lead to resilient, well-rounded, creative, dignified, and knowledgeable individuals with strong moral character. The research includes five key indicators: governance, availability, accessibility, and adaptability.

**Table 1 Quality of Education Based on the Right To Education Index (RTEI)**

Rank	Country	Score
First	United Kingdom	87%
Second	Canada	85%
Third	Australia	83%
Fourth	Philippines	81%
Fifth	Ethiopia	79%
Sixth	South Korea	79%
Seventh	Indonesia	77%
Eighth	Nigeria	77%
Ninth	Honduras	77%
Tenth	Palestine	76%
Eleventh	Tanzania	73%

Based on Table 1, Indonesia ranks 7th, still positioned lower than Ethiopia and South Korea, and achieving the same score as Nigeria and Honduras. This is due to three main factors:

1. **Availability** - Low teacher quality due to the uneven distribution of teachers in remote, outlying, and rural areas.
2. **Adaptability** - The school environment is not yet child-friendly. There is still frequent violence, sexual harassment, and cases of child abduction that receive limited monitoring in schools, often highlighted on social media.
3. **Acceptability** - Access to education for marginalized groups (child laborers, individuals/groups experiencing discrimination due to gender issues, social marginalization, etc.) has yet to provide these children with their full educational rights.

This situation is not much different from educational issues observed within society. Based on observations conducted by students in a community service program in Bermi Village, Krucil Subdistrict, Probolinggo Regency, it was found that there is a lack of interest in learning among children from early childhood to secondary school levels, as well as among parents.

The objective of this community service is to find ways to optimize education management toward community advancement and to measure the outcomes of improving educational quality and access in Bermi Village, Krucil Subdistrict, Probolinggo Regency.

## 2 Method

### a. Implementation Stages

To realize the training assistance for the Optimization of Educational Management Toward Community Advancement: A Community Service Study for Quality and Access Improvement in Education, the stages undertaken by the students of Universitas Nurul Jadid for their community service are as follows:

- 1) Preparation Stage: In this stage, the community service students conduct field surveys to assess the condition of the KKN location and identify solutions to the issues found on-site. The students visit the service location, provide information about the program's implementation, and schedule the training sessions.
  - a) Conduct literature studies on education and educational management.
  - b) Carry out surveys and data collection on the educational situation in Berme Village, Krucil District, Probolinggo Regency.
  - c) Engage in discussions and outreach with community stakeholders and village government representatives.
  - d) Provide training and mentoring to community stakeholders and the village government.
- 2) Program Implementation: Execute educational programs aimed at enhancing the quality and access to education.

From an Economic Perspective: Improving educational management not only directly enhances the quality and accessibility of education but also contributes to the local economy. By equipping community members and local government with management skills and improving educational standards, there is potential to increase employability and productivity within the village. Additionally, a well-educated population is more likely to engage in economic activities that contribute to community development, leading to sustainable economic growth in Berme Village. The skills acquired through training also enable local leaders to make more informed economic decisions, ultimately benefiting the broader community and fostering a more prosperous environment.

### b. Findings And Discussion

In its implementation, the community, particularly parents as partners, plays a crucial role for the village in enhancing quality improvement, as follows:

1. Understanding the materials related to self-development for students, fostering creativity in managing spaces to ensure they are safe and comfortable. This material should then be communicated back to non-student participants on effective room management for safe and comfortable living spaces.
2. Practicing creative ideas in room management so that female students are able to make the space secure and comfortable for residence.
3. Encouraging non-student participants to be creative in room management, which will ultimately create safe and comfortable spaces and reduce discomfort or distractions during the learning process due to poorly managed spaces.

Furthermore, the creativity demonstrated by the students in properly managing spaces plays a vital role in the program's success, inspiring non-student participants to become more innovative in organizing spaces effectively. This creativity is essential in creating secure and welcoming spaces that support the students' well-being and learning experience.

### c. Indicators of Achievement

In the community service program titled "Optimization of Education Management for Community Advancement: A Service Study for Improving Quality and Access to Education in Berme Village, Krucil Subdistrict, Probolinggo Regency," the intended indicators of achievement are as follows:

- 1) Students can understand the proper and correct arrangement of items in a room.
- 2) Students can create a safe and comfortable environment in a room suitable for habitation.

These indicators serve as benchmarks to assess the effectiveness of the program in enhancing practical skills in space management and ensuring that the learning environment supports well-being and productivity.

## 2.1 Finding

"Assistance for the Optimization of Educational Management Towards Community Advancement: A Service Study for Improving the Quality and Access to Education in Berme Village, Krucil District, Probolinggo Regency." In this context, KKN (Community Service Program) students from the Nurul Jadid University conducted guidance on the importance of community awareness in enhancing the quality of education and its economic impact.

From an economic perspective, improving the quality of education contributes to building more competent and employable human resources, ultimately raising the standard of living and economic productivity within the community. Quality education produces a more skilled and creative generation capable of developing local economic potential. Thus, good education benefits individuals and enhances the village's economic competitiveness, reduces poverty, and improves the overall quality of life.

**Improving Teaching Quality:** This includes conducting training and workshops for teachers to improve teaching methods and their educational qualifications. The KKN students provided outreach on the importance of education through literacy programs, such as reading and writing the Qur'an, as a foundational step toward increasing community literacy. This outreach aims to make students aware of the importance of creating a safe and comfortable learning environment, which also enhances learning effectiveness for the students.

In the context of Room Management, defined as the process of managing spaces within educational institutions such as dormitories or schools (Parid & Alif, 2020), the KKN students are expected to guide the community on effective space management to create a safe and comfortable environment. Proper room management enhances residents' quality of life, increases productivity, and, in the long run, contributes to the success of educational institutions by creating a positive experience for students, which also attracts further community support.

Unfortunately, most residents in Berme Village, Krucil District, still lack awareness of the importance of education for their children's future, presenting a challenge for the KKN students in raising awareness about the value of education.

### Implementation of Assistance

Before conducting assistance activities in Berme Village, KKN students carefully planned the activities. This guidance was aimed at parents, particularly the residents of Berme Village as the target of the outreach. On July 20, 2023, the KKN students visited the village to inform the community about the planned assistance program, while also setting the implementation date with the village head. It was agreed that the outreach would take place on Tuesday, August 1, 2023, at the village hall.



The assistance began at 08:00 AM, with participation from parent representatives from Berme Village. The guidance covered the importance of fostering creativity in improving educational quality for parents and school-aged children. Besides creating a conducive environment, this guidance also aims to equip parents to encourage their children's educational pursuits, which indirectly positively impacts the economic development of their families and the surrounding community. The session lasted for 30 minutes.

**Community Awareness Campaign:** Organizing awareness campaigns and meetings with parents to increase their understanding of the importance of education and involvement in their children's development is essential. In line with this campaign, KKN students from the Islamic Education Management Program at Nurul Jadid University provided guidance to the community on the importance of enhancing educational quality.

From an economic perspective, such awareness can positively impact the community by encouraging investment in education, leading to a more skilled workforce and better job opportunities in the future. Quality education also increases the likelihood of economic stability and growth, benefiting both individual households and the broader community.

To maintain an organized space, items like food, books, prayer garments, laptops, and others should be placed in designated areas to keep the environment clean and comfortable. Effective Room Management plays a vital role in institutions or facilities that provide accommodations or spaces for residents (A. Amin, 2019). Within this context, clear communication is essential for fostering collaboration between schools and the community. Engaging all community members can help convey messages aligned with the school's needs.

The community's role, facilitated through the school committee, emphasizes that enhancing educational quality goes beyond material support. It also includes additional roles such as:

1. Supporting core management activities to achieve shared objectives (institutional vision).
2. Fostering harmonious relationships between the organization and its public.
3. Identifying public opinions, perceptions, and responses toward the organization.
4. Serving public interests and offering suggestions to the school management (principal) for mutual benefit.
5. Establishing two-way communication to regulate the flow of information, publications, and messages between the organization and its public, promoting a positive image for both parties.

Based on these concepts, empowering and involving the community involves mental and emotional engagement that encourages them to contribute to the educational program's goals and take responsibility for achieving them. Indicators of someone's or a group's involvement include the ability to engage in an activity and derive satisfaction from its outcomes.

**Program Evaluation:**

Evaluating the program *Optimization of Educational Management for Community Advancement: A Community Service Study for Enhancing the Quality and Access to Education in Berme Village, Krucil District, Probolinggo Regency* can be conducted by considering several key aspects.

Following the implementation of assistance on optimizing community advancement, parents increasingly understand that education is crucial for future aspirations. According to Wina Sanjaya, room management quality is a fundamental aspect for achieving optimal community progress (Yusuf, Susanti, 2018). Additionally, the head of Berme Village stated a commitment to further enhance the quality and access to education for all community members, ensuring equal educational opportunities for everyone.





### Evaluation of Program

The evaluation of the program *Optimization of Education Management Towards Community Advancement: A Community Service Study to Improve Quality and Access to Education in Berme Village, Krucil District, Probolinggo Regency* can be conducted by considering several key aspects, including the economic impact generated. Enhancing access to and the quality of education impacts not only social aspects but also creates potential for long-term economic development.

Through the implementation of this assistance, parents have become increasingly aware of the importance of education as a foundation for future aspirations, which directly contributes to the improvement of human resources in the village. Enhanced educational quality can lead to increased competencies and skills needed in the job market. Consequently, the younger generation in the village will have greater opportunities to contribute to both local and external economies, ultimately improving family income and reducing poverty.

According to Wina Sanjaya, quality room management is a crucial factor in achieving optimal community advancement (Yusuf, Susanti, 2018). From an economic perspective, effective educational space management creates a conducive learning environment that can enhance the productivity and effectiveness of the learning process. This impacts the competitiveness of human resources in the region, making them more equipped to compete in broader economic sectors.

Additionally, the Head of Berme Village also expressed a commitment to following up on efforts to improve the quality and access to education for all village residents, ensuring that they can enjoy quality education similar to that in other regions. With this commitment, the potential for economic improvement in the community becomes even more achievable, as quality education creates a more skilled workforce ready to seize employment opportunities both within and outside the area. This will also strengthen the village's economic foundation sustainably by improving community welfare and creating new job opportunities that focus on local skills.



## 2.2 Discussion

In the economic context, the implementation of the *Optimization of Education Management for Community Advancement* program in Berme Village significantly contributes to enhancing the welfare and economic competitiveness of the community. Each step of this program holds the potential to bring broad economic impacts, as follows:

1. **Strategic Planning**

Training and workshops for teachers not only improve the quality of education but also have the potential to boost the village economy. With improved education quality, the younger generation will be more prepared to compete in the local and national job markets, thereby contributing to increased income and family welfare. The village-level education management team can ensure the efficient use of educational resources, impacting budget efficiency and resource allocation.

2. **Development of Local Curriculum**

A curriculum tailored to local needs and potentials enables students to gain relevant and applicable education within the local economic context, such as entrepreneurial skills and expertise in the agricultural or fishing sectors. This supports the creation of a workforce ready to sustainably develop the village economy through local enterprises.

3. **Provision of Facilities and Learning Resources**

The development of educational facilities involving the community creates temporary employment opportunities for villagers and improves the quality of local infrastructure. Quality facilities will yield more competitive students, who can later enhance productivity and contribute to the village economy.

4. **Expansion of Educational Access**

Improved accessibility to education, such as transportation and scholarships, helps reduce economic disparities in education. With more equal opportunities, children from underprivileged families can access quality education, ultimately increasing their social and economic mobility.

5. **Promotion of Community Participation**

Involving the community in the education process also means increasing their engagement in the education economy. Managing educational resources involving the community fosters a sense of ownership, making residents more responsible and engaged in local economic activities related to education, such as facility maintenance and support programs.

6. **Monitoring and Evaluation**

With regular monitoring and evaluation, this program can ensure that educational investments deliver maximum economic returns. Evaluation results can be used to allocate funds more efficiently and direct resources to areas with the greatest economic impact.

7. **Human Resource Development**

Management training for teachers and stakeholders not only improves educational quality but also adds economic skills, such as financial management, organizational management, and sustainable resource development. This fosters the creation of quality human resources who can contribute to the village economy.

8. **Collaboration with Related Parties**

Collaborating with the private sector and the government provides opportunities for additional resources, both in funding and expertise. This collaboration can bring educational investments that ultimately boost the local economy and create new job opportunities, particularly in sectors supporting education.

9. **Development of Social Role Models**

Including women and marginalized groups in educational and economic processes creates opportunities for small businesses to grow, potentially increasing family income. For instance, women's groups can be provided with additional economic skills, such as crafting or snack production, which can serve as a new source of income.

10. **Ongoing Monitoring and Evaluation**

Continuous program evaluation also enables the economic investment in education to be optimized, ensuring that each measured aspect brings direct benefits to the economy of the community by sustainably improving education quality.

By involving the community and ensuring program sustainability, *Optimization of Education Management* in Berme Village provides real economic impacts by enhancing skills, creating job opportunities, and reducing socioeconomic disparities. This success also strengthens the village's economic resilience in facing future challenges, creating a more productive and competitive environment.

### 3 Conclusion

The community service program on Optimizing Education Management for Community Advancement: A Study on Improving Education Quality and Access in Berme Village, Krucil Subdistrict, Probolinggo effectively strengthens the local education infrastructure and fosters economic development. Through strategic planning, curriculum adaptation, facility provision, and active community involvement, this program addresses critical aspects of educational quality and accessibility. The collaboration between stakeholders, including educators, parents, and local authorities, has created a sustainable educational ecosystem.

Economically, the program has generated positive impacts by creating job opportunities, enhancing family welfare, and promoting the social and economic participation of local residents. Increased educational access, quality facilities, and training for teachers not only elevate educational standards but also contribute to the long-term economic resilience of Berme Village.

This community service initiative highlights the importance of integrating educational and economic goals to foster sustainable growth. The active participation and support from all parties lay a solid foundation for continuous improvement, positioning Berme Village as a model for community-centered education and economic development. With ongoing collaboration and commitment, the positive changes achieved are expected to endure and provide lasting benefits for future generations.

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## 5 Acknowledgment

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## 6 Authors

**1<sup>st</sup> Abu Hasan Agus R,** Chairman and presenter of the PKM event, as well as a permanent lecturer in the Islamic Education Management study program, Faculty of Islamic Studies, also actively conducts research related to Education Management, Library Management, and Learning Technology. (email: [masagusrm@unuja.ac.id](mailto:masagusrm@unuja.ac.id))

**2<sup>nd</sup> Moh. Idil Ghufro,** Member and presenter of the PKM event, as well as a permanent lecturer in the Sharia Economics study program, Faculty of Islamic Studies, also actively conducts research related to Sharia Marketing Management, Digital Business, and Micro Sharia Economics and Business. (email: [idil@unuja.ac.id](mailto:idil@unuja.ac.id))