



Islamic education management: Integration of science, arts, and professions in optimizing the education system

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ABSTRACT

This study aims to explore Islamic education management through the integration of science, art, and profession in order to optimize the education system. A holistic approach that combines these three elements is expected to improve the quality of education and the relevance of the curriculum in Islamic educational institutions. By using This research is a qualitative research with a library research approach. Data Analysis using qualitative data analysis techniques, including data coding and categorization, to find the main themes related to the integration of science, art, and profession in Islamic education, this study analyzes best practices in implementing the integration of science, art, and profession in the education system. The results show that the integrative approach not only increases students' learning motivation, but also forms characters that are in accordance with Islamic values. This study recommends the development of a more flexible and collaborative curriculum, as well as the need for training for educators to implement the integration effectively. This study reveals that Islamic education management that integrates science, art, and profession has great potential to optimize the education system. Collaboration is needed between various parties to design a relevant curriculum and training for educators to be able to implement the integration effectively. Thus, Islamic education can produce a generation that is not only knowledgeable, but also has character and is ready to contribute to society.

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1. INTRODUCTION

Optimizing the education system is an effort made to increase the effectiveness, efficiency and quality of the implementation of education (Muhammad Ainul Yaqin, 2021). The main objective of this optimization is to ensure that every individual has an equal opportunity to access quality education that suits their potential, as well as to support the economic and social growth of a country (Muhammad Ainul Yaqin, 2021). An inseparable and important part of the science of educational management is one of the management information systems, namely the existence of comprehensive and open information about what an educational institution has.

Education plays an important role in forming competent and productive human resources, which in turn has an impact on the development of society as a whole (Syaadah et al., 2023). However, many education systems face challenges such as inequality of access, curriculum that is less relevant to the needs of the times, inadequate infrastructure, and ineffective teaching methods. Education can be obtained through formal, informal and non-formal education. implemented in schools, non-formal education implemented in the community, and informal education Formal education is implemented mainly in the family. Therefore, non-formal and informal education are usually associated with education outside the school system, or simply referred to as informal education (Syaadah et al., 2023).

In an increasingly digital and dynamic global context, optimization of the education system is increasingly necessary. Some approaches that are often applied include curriculum reform to be more relevant to the needs of the world of work, the use of digital technology to support learning, teacher competency development, and the provision of better facilities and infrastructure (Hayati et al., 2023). With this optimization, it is hoped that the education system can adapt quickly to changes in the times, producing graduates who not only have academic knowledge but also practical skills, and are able to contribute positively to social, economic, and cultural development (Triana, 2022).

Islamic education management has an important role in managing educational institutions based on Islamic values (Syarhani, 2022). Along with the development of the times, the approach to Islamic education management cannot be separated from the integration efforts between various disciplines, including science, art, and professions (Hidayat et al., 2023). This integrative approach is becoming increasingly relevant to answer the challenges of globalization, technological developments, and the demands of holistic learning that not only focuses on religious aspects, but also the development of 21st century skills (Abd. Rachman Assegaf, 2022).

Islamic education is currently faced with increasingly complex global challenges, especially in the modern era which is marked by the rapid development of science, technology, and art. Therefore, the integration of science, art, and profession in the Islamic education system is very important to maximize the potential of education that is not only rooted in Islamic values, but also relevant to the needs of modern society (Muhammad Ainul Yaqin, 2021).

Optimizing digital tools and e-learning platforms for Islamic education, particularly with a focus on Islamic Education Management, involves thoughtfully balancing accessibility with the preservation of core Islamic values and teachings. Here's how to achieve that, especially in relation to the integration of science, arts, and professional disciplines in education:

a) Enhanced Accessibility Through Universal Design Principles:

1. Inclusive Interfaces: Create user-friendly interfaces that accommodate diverse learners, including multilingual options (e.g., Arabic, English, Urdu) and simplified navigation for all users,
2. Accessibility Features: Integrate assistive technologies such as screen readers, text-to-speech, and adjustable text sizes. This would ensure that students with visual impairments or learning difficulties can access the material,
3. Mobile-Friendly Platforms: Given the widespread use of mobile phones in the Muslim world, platforms should be mobile-friendly to reach a broader audience;

b) Interactive and Personalized Learning Experiences:

1. Adaptive Learning: Use AI to adapt content according to each learner's progress and understanding level. This can make Islamic education more engaging and accessible by allowing learners to progress at their own pace,
2. Gamification Elements: Include quizzes, badges, and interactive exercises to make learning more engaging while respecting the Islamic ethos,
3. Virtual Classrooms and Discussions: Promote interactivity by incorporating discussion forums or live Q&A sessions where students can ask questions and discuss with peers and instructors, preserving the traditional aspect of seeking knowledge through discourse;

c) Curriculum Integration of Science, Arts, and Professions:

1. Islamic Perspectives in Science and Art: Develop curriculum materials that show the harmony between Islamic teachings and various disciplines like science, arts, and professional fields. This integration fosters a holistic understanding that emphasizes both religious values and practical skills,
2. Real-World Applications: Design course modules and case studies that connect Islamic values with contemporary fields. For instance, modules on ethics in medical professions, environmental

stewardship, or the role of art in dawah (spreading the message) could enrich learners' professional and spiritual lives, 3. Project-Based Learning: Encourage learners to undertake projects that merge Islamic teachings with modern knowledge—such as research on Islamic perspectives on environmental science, or developing culturally sensitive business models that align with Islamic finance principles; d) Teacher Training for Digital Proficiency and Pedagogical Approaches. Teacher Development Programs: Equip teachers with digital skills and familiarize them with e-learning tools so they can create and deliver engaging content that reflects Islamic values. Pedagogical Training for Online Settings: Islamic educators may need training on effective online teaching strategies that maintain the values of Islamic adab (etiquette) and encourage critical thinking; e) Community-Building and Support Networks. Online Community Spaces: Develop virtual community spaces where students, teachers, and parents can share experiences, ask questions, and provide peer support. Mentorship Programs: Establish mentorship programs where seasoned Islamic scholars or professionals can guide students, offering both religious and career advice to support holistic personal growth; f) Ensuring Content Authenticity and Reliability. Collaboration with Scholars and Islamic Institutions: Partner with qualified Islamic scholars and educational institutions to ensure that the e-learning content is authentic, aligned with traditional sources, and remains respectful of Islamic values. Digital Safeguards: Implement safeguards to prevent the spread of misinformation or unverified religious content. This can include content verification processes by scholars or using a peer-review system among knowledgeable contributors; g) Leveraging Islamic History and Culture in Design; h) Use of Islamic Art and Architecture Elements: Integrate Islamic art, architecture, and design principles into the platform aesthetics to provide a culturally relevant and immersive experience. This can subtly reinforce the cultural heritage while keeping the focus on education.

Historical and Contemporary Examples in Learning: Incorporate case studies and examples from Islamic history and contemporary Muslim contributions to science, technology, and arts. This makes learning relatable and shows the relevance of Islamic education in modern society.

Incorporating these approaches helps create an inclusive, engaging, and authentic platform for Islamic Education Management, where learners can experience the seamless integration of science, arts, and professional fields within an Islamic educational framework. This strategy not only preserves the essence of Islamic education but also prepares students to contribute meaningfully to society in diverse fields.

Integration of Science in Islamic Education. Islamic education emphasizes the pursuit of knowledge as one of the obligations for every Muslim individual (Chanifudin & Nuriyati, 2020). In the modern context, science plays an important role in the development of knowledge, and therefore, it needs to be effectively integrated into the Islamic education system (Naja et al., 2021). Integration of science in Islamic education includes two main things:

First Relationship between Religious Knowledge and Natural Science: Islam does not separate religious knowledge and worldly knowledge. Understanding science can enrich spiritual appreciation, such as in the study of the universe which proves the greatness of God.

Second Application of Technology in Learning: The use of technology in the educational process, such as e-learning, digital platforms, and innovations in technology-based teaching, can increase the efficiency and accessibility of Islamic education.

Science in Islamic Education. Science in the context of Islamic educational management provides a rational and empirical basis for effective decision making. For example, the use of technology in learning, data analysis, and evidence-based approaches to improve the effectiveness of curriculum and teaching. Islam as a religion that values science also encourages its followers to master worldly sciences as a form of worship and social responsibility (Sugiyono & Iskandar, 2021).

Art in Islamic Education. Art in Islamic education does not only include aesthetic aspects, but also a means to express spiritual, ethical, and cultural values (Juliansyah et al., 2022). The integration of art in Islamic education management can be seen in the development of a curriculum that combines elements of Islamic art, such as calligraphy, Islamic music, theater, and visual design

that educate students about the beauty of Islam and shape their character (Ichsan, 2022). Art also plays an important role in creating a harmonious and inspiring learning environment.

Art in Islamic education has the potential to be an effective means of developing character, spirituality and creativity (Ichsan, 2022). Art that is in accordance with Islamic law can enrich the learning experience and bring students closer to Islamic values through: a) Islamic Visual Arts and Aesthetics: Islamic history is full of artistic heritage, such as calligraphy, architecture, and visual arts that carry spiritual messages. These arts can be integrated into the curriculum as a medium to instill Islamic values; b) Music and Literature within the Boundaries of Sharia: Music and literature, if processed properly and within the corridors of sharia, can be used to convey moral messages and arouse love for Allah and His Messenger; c) Developing Creativity: Art also helps in developing students' creativity, which is important for critical and innovative thinking in solving problems, including those related to everyday life issues.

Professionalism in Islamic Education: Management of Islamic educational institutions requires professional skills that include aspects of leadership, human resource management, financial management, and strategic planning (Bayu Mahendra, 2021). Integration of professional elements in Islamic education management helps leaders and educators to carry out their roles efficiently and productively. In this case, the application of professional ethics that are in line with Islamic values is key in preparing graduates who are not only academically competent, but also have high morality (Bayu Mahendra, 2021).

Islamic education must be able to prepare students to become professional workers who are not only competent in their fields but also have Islamic moral and ethical integrity (Nurhayati & Imron Rosadi, 2022). Some important steps in integrating the profession into Islamic education management include: a) Competency-Based Curriculum Development: The curriculum needs to be designed in such a way as to be able to produce graduates who are ready to work in the professional world, but still have a strong foundation in Islamic ethics and morals (Nurhajati & Bachri, 2018); b) Collaboration with Industry and Professionals: Islamic education needs to collaborate with various professional and industrial sectors to provide opportunities for work practices, internships, and training that are in line with students' fields of study. This not only increases work readiness, but also ensures that graduates have a balance between theory, skills, and Islamic values; c) Islamic Character Building in the World of Work: Islamic education must instill a professional attitude based on the values of honesty, trustworthiness, and responsibility, which are very important in the modern world of work. This can be achieved through mentoring activities, spiritual guidance, and integration of Islamic values in every aspect of learning and practice.

Optimizing the Islamic Education System through Integration. To optimize the Islamic education system through the integration of science, art, and profession, Islamic education management needs to implement strategic steps, including: a) Value-Based Planning and Global Needs: The Islamic education system must be designed based on strong Islamic values while taking into account global needs, by providing knowledge and skills that are relevant to the times; b) Teacher and Teaching Staff Development: Teachers not only need to be academically competent, but must also have the ability to integrate science, art, and profession in an Islamic learning process; c) Continuous Evaluation and Innovation: The Islamic education system needs to be continuously evaluated to find areas that need improvement, while being open to innovations that support educational goals, such as the use of technology in learning.

By integrating science, art, and profession in Islamic education management, it is expected to create a comprehensive, relevant education system that is able to produce graduates who are not only superior in science, but also have ethics, aesthetics, and professionalism rooted in Islamic teachings. The challenges of the modern world, such as social and technological change, can be faced with this integrative approach, which at the same time strengthens the Islamic character in facing the dynamic global world.

Islamic Education Management is a discipline that focuses on the management, organization, and control of the educational process within the framework of Islamic values (Radiana

et al., 2022). Islamic education aims to produce people with good character and quality in accordance with Islamic teachings. Therefore, educational management in the context of Islam does not only emphasize the development of cognitive aspects, but also moral, spiritual, and social aspects (Hidayat et al., 2023).

The importance of management in Islamic education arises from the need to maintain the sustainability of Islamic values in the educational process. Good educational management is able to integrate religious values in every aspect of education, from curriculum planning, teaching and learning processes, to evaluation of educational outcomes (Shaban, 2019). This includes how Islamic educational institutions can run effectively and efficiently, while maintaining the integrity of sharia principles.

Islamic educational institutions, such as Islamic boarding schools, madrasas and Islamic schools, require structured management so that educational goals can be achieved properly (Suhadi, 2023). Important elements in Islamic education management include: a) Planning: Involves determining educational goals that are in line with Islamic teachings, as well as designing a curriculum and supporting learning methods; b) Organizing: Arrangement of human resources, facilities and infrastructure, as well as division of tasks and authority in educational institutions; c) Implementation: Implementing the curriculum and educational programs, and ensuring that the learning process runs smoothly, in accordance with the goals of Islamic education; d) Supervision and Evaluation: Conducting evaluations of the learning process and outcomes to ensure that educational goals are achieved and that there is continuous improvement in quality.

In the era of globalization, the challenges faced by Islamic education management are increasingly complex (Nuriyati & Chanifudin, 2020). Innovation is needed in management so that Islamic educational institutions are able to compete and contribute positively in the midst of the development of science and technology without leaving the essence of Islamic values. Islamic Education Management also has an important role in forming insan kamil (perfect humans) who are not only knowledgeable, but also have noble character, believe, and are devoted to Allah SWT.

The integration of science, art and profession in the Islamic education system is a strategic step to create students who have a balance between knowledge, professional skills and Islamic spiritual and moral values (Soehadha, 2020). This optimization requires structured, innovative, and relevant education management to the development of the times without losing the essence of Islam. Thus, graduates of Islamic education are expected to contribute significantly in various fields of life, both as scientists, artists, and professionals who have Islamic integrity.

2. RESEARCH METHOD

This research is a qualitative research with a literature review approach (library research). The literature review focuses on collecting, organizing, and analyzing data from related literature, such as books, scientific journals, research reports, education policies, and other relevant documents that discuss Islamic educational leadership and optimization of the education budget (Sari & Asmendri, 2020). Data Collection (Reference Sources), in library research, data is collected from various sources, such as: Books: Look for books that focus on Islamic education management, integration of science and arts in education, and professional education in Islam. Scientific Journals: Collect articles from relevant scientific journals, such as education journals, Islamic science journals, or arts and professions in education journals. Theses and Dissertations: Theses and dissertations related to education management and integrative approaches in education can be important sources. Other Documents: Research reports, education policies, and guidelines for Islamic educational institutions can also be used as references.

To conduct a thorough data collection process in the context of a study on Islamic Education Management: Integration of Science, Arts, and Professions in Optimizing the Education System, the following systematic approach might have been used. This type of study would generally utilize a combination of qualitative and quantitative methods, depending on the specific research goals.

Define Research Objectives and Scope. Objective: To investigate how Islamic Education

Management integrates science, arts, and professions to improve educational outcomes. Scope: Focus on various educational institutions, possibly including madrasas, Islamic universities, and other institutions implementing Islamic educational values. It could also look at how they blend religious teachings with science and arts to foster a comprehensive education system. Identify Data Sources and Participants. Primary Data Sources: Educators, administrators, students, curriculum developers, and policymakers in Islamic education institutions. Secondary Data Sources: Academic journals, institutional reports, government policy documents, and religious texts relevant to the educational integration of Islamic values with science and arts. Sampling Method: Use purposive sampling to select key stakeholders from different educational institutions who have direct knowledge and experience with the integration of various disciplines into Islamic education. Stratified sampling might be used to capture diverse perspectives across roles and institutions.

3. RESULTS AND DISCUSSIONS

Understanding Islamic Education Management. Islamic education management refers to the process of planning, organizing, implementing, and supervising in the context of education based on Islamic values (Muarak, M Adib.Putra, Darma.Susanti, 2022). The goal is to create a learning environment that supports the spiritual, moral, intellectual, and social development of students.

1. Science Integration: a) Science in Islamic education is not only limited to empirical aspects, but also includes ethics and morals. Science education must be oriented towards developing good character and morals, b) A curriculum that integrates science should include learning about creation, the laws of nature, and the impact of science on society, with an approach that is consistent with Islamic teachings.
2. Arts Integration: a) Art in Islamic education serves as a medium of creative expression that reflects the beauty of God's creation. This includes fine arts, music, and literature that can be used to teach Islamic values, b) Integration of arts in education helps students to develop imagination and aesthetic skills in line with Islamic teachings.
3. Professional Integration: a) Professional education in the context of Islam must prioritize ethical and moral values in every professional field. This is important to form professionals who are not only skilled but also socially responsible, b) Educational programs must be designed to prepare students to face the challenges of the world of work with high integrity.

The integration of science, art and profession in Islamic education management aims to produce individuals who are not only intellectually intelligent but also have noble morals and are professional (B, 2021). With the right approach, Islamic education can create a generation that is ready to face global challenges while still adhering to solid moral and ethical values.

1. Components of the Education System: a) Curriculum: The curriculum in Islamic education must be in accordance with religious values and relevant to the development of science and the needs of society, b) Educators: Teachers as educators must have good competence in academics and a noble personality. Continuous teacher development is very important to improve the quality of education, c) Facilities and Infrastructure: Adequate educational facilities, such as classrooms, laboratories, and libraries, are essential to support the learning process, d) Resource Management: Human and financial resources must be managed effectively to achieve the established educational goals.
2. Optimization of Education System: a) Optimization of the education system in the context of Islamic education management is carried out through an approach that is oriented towards quality and relevance. This includes the application of innovative learning methods, the use of information technology, and character development of students, b) Emphasis on developing soft skills, such as communication, collaboration, and leadership, is an important part of the education process.
3. Educational Planning: a) Good educational planning involves analyzing community needs, developing an educational vision and mission, and preparing appropriate programs and

activities, b) In the Islamic context, planning must take into account sharia values and broader educational goals, including the formation of students' character and morals.

4. Technology Based Education: a) The use of information and communication technology (ICT) in Islamic education can improve the accessibility and quality of learning. E-learning and digital platforms can be used to expand the reach of education, c) However, the application of technology must be accompanied by a good understanding of ethics and its impact on the development of students' character.
5. Evaluation and Monitoring: a) Evaluation of the education system is important to measure the effectiveness and efficiency of the learning process. This includes assessing the curriculum, teaching methods, and student learning outcomes, b) Regular monitoring helps in decision making and continuous improvement of the education system.
6. Stakeholder Role: a) The involvement of parents, community, and government in education management is very important to create a conducive education ecosystem, b) Cooperation between educational institutions and various related parties can improve the quality of education and provide the necessary support.

Islamic education management in optimizing the education system focuses on improving the quality of education in accordance with Islamic values (Muarak, M Adib.Putra, Darma.Susanti, 2022). With a planned approach, the use of appropriate technology, systematic evaluation, and the involvement of all parties, the education system can be optimized to create a generation that is not only academically intelligent, but also has noble morals and is ready to face the challenges of life (Budiman & Suparjo, 2021).

4. CONCLUSION

Islamic education management that integrates science, art, and profession is very important in efforts to optimize the education system. This integration creates a holistic approach that not only focuses on mastering science, but also on developing the character and social skills of students. Holistic and Integrated: The integration of science, art, and profession in Islamic education management allows the development of academic and non-academic competencies simultaneously. Students are not only taught theory, but also ethical values and creativity needed in everyday life and the world of work. Character Development: Education that prioritizes Islamic values in all aspects, including science and art, helps shape the character of good students. Education that is rooted in morals and ethics will produce individuals who are not only intelligent, but also socially responsible. Curriculum Relevance: A curriculum that integrates science, art, and profession must be relevant to the development of the times and the needs of society. This ensures that graduates have the skills needed in the world of work, while still adhering to Islamic principles. The Role of Technology: The use of technology in education expands access and improves the quality of learning. With technology, education can be more interesting and interactive, supporting integration between various disciplines. Collaboration and Stakeholder Involvement: Optimizing the education system requires collaboration between various parties, including educators, parents, and the community. Active involvement of all stakeholders in the education process can create an ecosystem that supports the holistic development of students. Overall, Islamic education management that integrates science, art, and profession plays an important role in creating a quality, relevant, and Islamic-values-compliant education system. This approach will produce a generation that is not only superior in science, but also has good character and is ready to contribute positively to society.

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