ART-INTEGRATED PEDAGOGY IN REMOTE TEACHING: CHALLENGES AND OPPORTUNITIES IN NEP 2020 IMPLEMENTATION

[1]Dr. Devajani Duarah, [2]Dr. Archana Adhikary
[1,2]Assistant Professors, Indira Miri School of Education,
Krishna Kanta Handiqui State Open University,
Guwahati, Assam, India

Abstract: The rapid evolution of the educational landscape, accentuated by the National Education Policy (NEP) 2020 in India, emphasizes the integration of Art-Integrated Learning (AIL) in remote teaching environments. This study explores the implementation of AIL within remote teaching, focusing on both the challenges and opportunities it presents in light of NEP 2020's transformative vision. The research employs a comprehensive literature review and analysis of various pedagogical strategies and technological interventions that facilitate AIL in remote settings. Results indicate that while AIL promotes creativity, critical thinking, and engagement through digital platforms, it also encounters challenges such as technological disparities, adaptation of hands-on activities, and the need for extensive teacher training. Effective strategies include the use of interactive technology, hybrid learning models, and professional development for educators. The paper concludes by proposing modifications to teacher education programs to include comprehensive training in digital tools and AIL methodologies, ensuring educators are equipped to deliver impactful learning experiences. This study contributes to the discourse on educational reform and the strategic integration of art in remote teaching, aligned with the holistic goals of NEP 2020.

Keywords: Art-Integrated Learning, Remote Teaching, NEP 2020, Teacher Training

INTRODUCTION AND BACKGROUND

The National Education Policy (NEP) 2020, introduced by the Indian government, marks a significant milestone in the evolution of the country's educational landscape. With a strong emphasis on making education more holistic, flexible, multidisciplinary, aligned to the needs of the 21st century, and aimed at bringing out the unique capabilities of each student, NEP 2020 has been widely acclaimed for its progressive outlook (Singh, Singh, & Kaundal, 2023). In this context, Art Integrated Learning (AIL) emerges as a pivotal strategy in the New Education Policy (NEP) 2020.

ART INTEGRATED LEARNING

AIL is a pedagogical approach that underscores the integration of the arts across the curriculum to foster an enriched learning environment, one that promotes creativity, critical thinking, and a deeper engagement with content across disciplines (Ministry of Human Resource Development, 2020). Within the framework of NEP 2020, AIL is not merely an adjunct to traditional learning paradigms but a core pedagogical strategy aimed at revolutionizing how subjects are taught and understood. By integrating arts into the curriculum, educators can create more engaging, experiential, and effective teaching-learning processes that not only enhance academic

learning but also promote creative thinking, empathy, and a deeper appreciation of cultural diversity. This methodology supports the NEP's vision of education that contributes to an individual's all-round development—making education more holistic, enjoyable, and integrated (Abrol, 2023).

The significance of AIL becomes even more pronounced in the context of the rapid transition to remote learning, a change precipitated by global challenges such as the COVID-19 pandemic. This shift, necessitated by the pandemic, posed significant challenges for educators and learners alike, disrupting traditional educational practices and prompting a swift re-evaluation of teaching methodologies. In this upheaval, AIL presents an innovative avenue for addressing some of the intrinsic challenges of remote education, such as student engagement, comprehension, and emotional well-being. Integrating arts into remote teaching has been shown to facilitate a more interactive and immersive learning experience, bridging the physical gap between teachers and students through creative expression and digital collaboration (Smith & Henriksen, 2020).

Furthermore, the role of Information and Communication Technology (ICT) in enabling AIL within remote teaching contexts cannot be overstated. NEP 2020 places a strong emphasis on leveraging technology to enhance educational delivery, advocating for the integration of digital tools and resources in teaching practices (Giri, Mishra, & Pradhan, 2022). This alignment between AIL and ICT is crucial for the effective implementation of art-integrated learning in remote settings, where digital platforms become the primary medium for instruction and interaction.

In light of the above circumstances, the implementation of AIL within remote teaching environments emerges as both a significant opportunity and a challenge. This paper aims to explore effective strategies for educators to integrate Art Integrated Learning (AIL) in remote teaching and examines how teacher education programs can adapt to this new educational paradigm.

By investigating the strategies and challenges associated with implementing AIL in remote teaching, the paper seeks to contribute to the ongoing discourse on educational reform and teacher preparedness, in the wake of NEP 2020's ambitious vision. Through this exploration, it becomes evident that preparing educators for the effective integration of art in remote learning environments is not just a necessity but a cornerstone for realizing the full potential of NEP 2020 in fostering innovative, inclusive, and transformative education for all.

STRATEGIES FOR INTEGRATING ART INTEGRATED LEARNING (AIL) IN REMOTE TEACHING

Implementing Art-Integrated Learning (AIL) in remote teaching requires strategic approaches to effectively merge the creative process with educational technology. These strategies ensure that the core objectives of AIL are met while adapting to the constraints and opportunities of online learning environments. Recent research has identified several strategies:

- **Use of Interactive Technology:** Al Hashimi's (2021) exploration into effective remote teaching practices for art and design emphasizes the crucial role of interactive tools and digital platforms. The shift to online learning requires educators to rethink engagement strategies, leveraging technology to simulate the interactive and collaborative essence of traditional art classrooms. By incorporating virtual reality, digital art-making tools, and online collaboration platforms, educators can create a dynamic learning environment that captures students' interests and encourages active participation.

- **Hybrid Learning Initiatives:** McIntyre, Watson, & Larsen (2009) discuss the implementation of large-scale blended learning initiatives, which combine online digital media with traditional classroom methods to create a hybrid learning environment. This approach allows for greater flexibility, accommodating various learning styles and schedules. It offers the opportunity to blend the hands-on, tactile experiences of art-making with digital exploration and research, ensuring a comprehensive learning experience that is both broad and deep.

- **Strategies from Online Art Educators:** Drawing from the experiences of online art educators, Song, Lim, & Kwon (2021) offer practical strategies for instruction, interaction, and assessment in remote art education. These include establishing clear and effective communication channels, utilizing diverse and creative online assessment tools, and creating content that is both interactive and engaging. Emphasizing student-teacher and student-student interactions through forums, video calls, and

collaborative projects can mimic the communal and feedback-driven nature of traditional art classrooms.

- **Blended Learning for Art Criticism:** Pamadhi & Zulfiati (2019) advocate for a blended learning approach to enhance students' ability to write art criticism. This strategy uses a combination of online discussions, access to digital art archives, and traditional critique methods to deepen students' understanding and analytical skills. Encouraging students to engage with art both online and in their environments fosters a critical eye and the ability to articulate their thoughts and reactions to art, enhancing their analytical and critical thinking skills.

CHALLENGES OF ART INTEGRATED LEARNING (AIL) IN REMOTE TEACHING

Incorporating AI in remote teaching presents several challenges, including:

- **Adaptation of Hands-on Activities:** Transitioning traditional art practices to online formats without losing the essence of tactile and physical engagement is one of the significant challenges in the adaptation of practical, hands-on art activities to an online format (Alexopoulou, 2022).

- **Technological Disparities:** Technological disparities among students also pose a significant barrier. Inequities in access to necessary technology and reliable internet connectivity can hinder students' participation and compromise the equity of learning outcomes (Lvova & Bakhlova, 2021).

- **Teacher Preparation:** There exists a notable gap in preparing teachers for AIL in a remote context. Educators often lack the skills or resources to effectively integrate art into online teaching, posing a significant barrier to the implementation of AIL (Aranda-Mena, Vaz-Serra, & Edwards, 2022). This is compounded by the need for specialized training and support for teachers to adapt their pedagogical approaches to an online format while maintaining the integrity and objectives of AIL (Giri, Mishra, & Pradhan, 2022).

- **Delayed Feedback:** The remote learning format can impede the immediate feedback and adjustment crucial in art education, affecting the iterative learning process (Al Hashimi, 2021, Stoufi, 2023).

- **Creating a Sense of Community:** The absence of physical co-presence in remote settings challenges the development of a collaborative learning environment, vital for interactive and immersive learning experiences (Rzhechytska, 2022).

SOLUTIONS AND RECOMMENDATIONS

To address these challenges, the paper recommends leveraging digital tools and pedagogical innovations, based on a review of the literature:

1. **Adoption of Digital Art Software and Virtual Platforms:** Utilizing digital art-making tools and applications that simulate traditional art processes, such as digital painting, sculpting, and drawing platforms. These tools can help bridge the gap between tactile and digital art experiences (Alexopoulou, 2022).

   Educators should receive training on these digital tools to integrate them effectively into their teaching practices. Schools could also provide subscriptions or access to these tools for students who may not afford them.

2. **Enhancing Accessibility through Low-bandwidth and Asynchronous Resources:** Implementing asynchronous learning materials, such as pre-recorded video lessons and downloadable resources, that students can access on their schedule. These materials should be optimized for low-bandwidth consumption to ensure accessibility for all students (Durgunoglu et al., 2022).

   It is recommended to develop a repository of diverse, culturally relevant art resources that cater to different learning styles and preferences. These resources should be easily navigable and available in various formats, viz. text, video, interactive.

3. **Interactive Platforms for Engagement and Feedback:** Employing interactive platforms that allow for live feedback, virtual art galleries, and digital exhibitions where students can showcase their work and receive constructive critiques from both peers and teachers ((Fouche, 2022).

   Live online sessions that encourage interactive discussions, collaborative projects, and peer review sessions should be scheduled regularly. Breakout rooms may be utilised for small group interactions and workshops.

4. **Professional Development and Support for Educators:** Continuous professional development opportunities for teachers should be offered to learn about the latest digital tools, AIL methodologies, and online pedagogical strategies. This training should include hands-on workshops, webinars, and access to a community of practice for sharing experiences and resources (Fouche, 2022).

   Institutions should establish a support system for educators, including technical support for digital tools and a platform for educators to exchange ideas, lesson plans, and best practices in AIL.

5. **Fostering Community and Collaboration Online:** Creating online spaces that simulate the community aspect of traditional classrooms, such as virtual art studios, discussion forums, and project collaboration tools (Al Hashimi, 2021). These spaces should encourage student engagement, collaboration, and the sharing of ideas and feedback.

   Project-based learning should be encouraged where students can work on group art projects remotely, using digital collaboration tools. This approach helps maintain the communal and interactive essence of art education and fosters a sense of belonging and teamwork.

6. **Innovative Pedagogical Strategies:** Embracing innovative pedagogical strategies that integrate AIL with technology, such as gamification, storytelling, and digital portfolios, etc. can make learning more engaging and relevant to students' lives. Platforms like Google Arts & Culture, Adobe Creative Cloud, and virtual reality (VR) art applications offer immersive and engaging experiences for students, allowing them to explore art in a global context and create digital artworks (Anuar, Mohamad, & Minoi, 2020).

   Educators should be encouraged to experiment with and personalize these strategies to fit their teaching styles and student needs. Sharing success stories and case studies can inspire others to adopt innovative practices.

7. **Cross-Institutional Collaborations:** Developing partnerships between schools, universities, and cultural institutions can offer students access to a broader range of resources, expertise, and experiences. This can include virtual museum tours, guest lectures, and collaborative art projects (Adineh et al., 2021).
   A network or consortium can be established that facilitates these collaborations, making it easier for institutions to connect and share resources and opportunities for their students and staff.

IMPLICATIONS FOR TEACHER EDUCATION PROGRAMMES

Current teacher education programs may not fully equip educators for the complexities of integrating Art Integrated Learning (AIL) in remote teaching environments. A comprehensive analysis indicates a need for extensive training that includes digital pedagogical skills, strategies for art integration, and proficiency with online educational technologies (Pavlou, 2022; Wang, 2023). To meet these requirements, essential modifications to the teacher education curricula are necessary, focusing on the effective use of digital art tools, online classroom management, and the creation of engaging, interactive art-based activities in virtual settings. Training on utilizing digital platforms for AIL is crucial, ensuring future educators can proficiently deliver art education in remote contexts (Kartashova et al., 2023).

Enhancing the capabilities of future educators to utilize AIL effectively in online classrooms demands a comprehensive approach. Professional development workshops that cover the latest in digital art technologies and pedagogical methods suited to online learning are essential. Providing hands-on experiences with remote teaching tools, fostering a community of practice for sharing best practices, and showcasing successful examples of AIL integration, such as collaborative art projects and virtual exhibitions, are vital for educators to learn and adapt to their teaching scenarios (Anderson et al., 2022).

Suggested Modifications to Teacher Education Programs

1. Expanding Curriculum Content: Programs must include comprehensive training on AIL methodologies, highlighting their role in promoting creativity, critical thinking, and interdisciplinary learning. This should span both the theoretical foundations and practical applications of AIL across different subjects and grade levels.

2. Incorporating Digital Literacy and Technological Proficiency: With the shift to online and blended learning, there's a pressing need for future teachers to master digital tools. Education programs should embed digital literacy modules that detail the effective use of technology in AIL, including training on digital art tools and online collaboration platforms.

3. Enhancing Pedagogical Skills for Online Teaching: It's imperative for future teachers to acquire specific skills for online teaching, such as engaging students, fostering collaboration, and assessing work remotely. Programs should provide practical experience with online teaching tools and scenarios to develop these skills.

4. Promoting Adaptive and Reflective Teaching Practices: AIL demands teachers be adaptive, responsive, and reflective, capable of creatively integrating arts into the curriculum. Teacher education should foster a reflective practice culture, encouraging future teachers to evaluate and adapt their teaching strategies to diverse learning environments.

Implementing Changes in Teacher Education

1. Integrative Workshops and Practicums: These should be designed to focus on the integration of art into various subjects, offering hands-on opportunities to design and execute AIL projects in both conventional classrooms and online platforms.

2. Collaboration with Arts Professionals and Institutions: Forming partnerships with artists and cultural organizations can offer valuable workshops, guest lectures, and mentorship, enhancing the understanding and integration of arts in education.

3. Development of Digital Portfolios: Encouraging the creation of digital portfolios allows teacher candidates to document their AIL experiences, serving as a resource for continuous learning and professional development.

4. Continuous Professional Development Opportunities: Establishing avenues for ongoing development in AIL and digital teaching skills is crucial, including access to the latest research, tools, and strategies through courses, webinars, and conferences.

5. Emphasis on Research and Innovation: Motivating teacher candidates to engage in research and innovation within AIL can contribute significantly to the field, exploring new methods, technologies, and strategies to enhance teaching and learning.

By adopting these modifications, teacher education programs can more effectively prepare future educators to integrate Art Integrated Learning in both traditional and online settings. Such preparation aligns with the holistic educational goals of the National Education Policy (NEP) 2020, ensuring educators are well-equipped to offer enriching, creative, and comprehensive learning experiences for all students.

CONCLUSION AND LIMITATIONS

The exploration of Art-Integrated Learning (AIL) in remote teaching environments, as guided by the National Education Policy (NEP) 2020, has unfolded promising avenues for enhancing educational experiences by integrating art with digital technologies. This paper presented strategies to effectively incorporate AIL in remote learning, identified existing challenges, and proposed actionable solutions and adjustments needed in teacher education programs. The adoption of AIL aims to foster creativity, critical thinking, and interdisciplinary learning, making education more engaging and accessible in the digital age.

Despite these insights, this paper is not without its limitations. First, the rapid evolution of technology and educational methodologies means that the strategies and recommendations provided may require continuous updates to remain relevant and effective. Additionally, the paper primarily relies on secondary research,

including existing studies and literature reviews, which may not capture the full spectrum of emerging challenges and innovative practices in real-time. Moreover, the effectiveness of the proposed strategies and modifications in teacher education programs may vary based on geographical, cultural, and socio-economic contexts, suggesting the need for localized adaptations and further empirical research.

The implementation of the outlined strategies necessitates a collaborative effort among educators, policymakers, and institutions to overcome barriers and enhance the inclusivity and accessibility of quality education. As the educational landscape evolves, so too must our approaches to integrating art in remote learning, ensuring they are responsive to the needs of both educators and learners.

In conclusion, while this paper provides a foundational framework for integrating AIL in remote teaching and adapting teacher education programs accordingly, it acknowledges the need for ongoing research, innovation, and adaptation. Embracing the dynamic interplay between art, technology, and education will undoubtedly enrich the learning experience, aligning with the holistic educational goals of NEP 2020 and preparing educators and learners to navigate and contribute to a complex, rapidly changing world.

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