

Chapter 4

Artificial Intelligence and the Future of Lifelong Learning in Transnational Contexts

V. Valarmathi

Sri Krishna Arts and Science College, India

B. Suchitra

 <https://orcid.org/0000-0001-6692-5098>

Sri Krishna Arts and Science College, India

ABSTRACT

This chapter explores the transformative impact of Artificial Intelligence (AI) on lifelong learning within the context of transnational higher education. It examines how AI technologies can bridge educational divides across global landscapes, enhance personalized learning experiences, and support continuous education beyond traditional academic boundaries. By integrating AI into lifelong learning frameworks, transnational higher education institutions can offer more accessible, flexible, and effective educational opportunities to diverse learner populations worldwide.

1. INTRODUCTION

Transnational education (TNE) refers to the provision of higher education services across national borders. It encompasses a wide range of activities, including cross-border student mobility, branch campuses, distance learning programs, and collaborative degree programs. TNE has become a global phenomenon, driven by factors such as economic globalization, technological advancements, and the increasing demand for quality education.

It is a broad term that encompasses a variety of educational activities that cross national borders. It includes:

- **Cross-border education:** Students studying in a country different from their own.
- **Joint programs:** Collaborative programs between institutions in different countries.
- **Distance education:** Online or correspondence courses offered to students in multiple countries.

DOI: 10.4018/979-8-3693-7016-2.ch004

- **International faculty exchanges:** Teachers and researchers moving between institutions in different nations.

Significance in the Globalized World:

- **Access to diverse knowledge and perspectives:** Transnational education allows students to learn from experts and peers from different cultural backgrounds, broadening their horizons and preparing them for a globalized world.
- **Economic growth and development:** Transnational education can contribute to economic growth by fostering innovation, entrepreneurship, and international cooperation.
- **Cultural exchange and understanding:** By bringing people together from different cultures, transnational education can promote peace, tolerance, and mutual understanding.
- **Career opportunities:** Transnational education can provide students with valuable skills and experiences that are highly sought after by employers in today's global job market.
- **Global citizenship:** Transnational education can help to develop global citizens who are aware of and engaged with the challenges and opportunities facing the world.

1.1 Lifelong learning and its importance

Lifelong Learning is the continuous pursuit of knowledge and skills throughout one's life. It goes beyond formal education and encompasses various learning experiences, both formal and informal.

Importance in Today's Rapidly Changing Landscape:

1. **Technological Advancements:** The pace of technological change is accelerating, making it essential for individuals to continually update their skills to remain relevant in the workforce. Lifelong learning enables individuals to adapt to new technologies and tools.
2. **Economic Globalization:** The interconnectedness of the global economy requires individuals to be adaptable and possess a diverse range of skills. Lifelong learning equips individuals with the knowledge and competencies needed to thrive in a globalized marketplace.
3. **Changing Job Market:** The nature of work is evolving, with new job roles and industries emerging. Lifelong learning allows individuals to acquire the skills necessary to transition into new career paths or adapt to changes within their current roles.
4. **Personal Growth and Development:** Lifelong learning is not just about career advancement but also about personal growth and fulfillment. It allows individuals to explore their interests, expand their horizons, and develop a deeper understanding of the world around them.
5. **Social and Cultural Engagement:** Lifelong learning can foster social and cultural engagement by providing opportunities for individuals to connect with others who share similar interests and learn from diverse perspectives.

In summary, lifelong learning is crucial in today's rapidly changing landscape to ensure individuals remain competitive, adaptable, and engaged in a world characterized by technological advancements, economic globalization, and evolving job markets.

28 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage:
www.igi-global.com/chapter/artificial-intelligence-and-the-future-of-lifelong-learning-in-transnational-contexts/361836

Related Content

An Introduction to Fully and Partially Observable Markov Decision Processes

Pascal Poupart (2012). *Decision Theory Models for Applications in Artificial Intelligence: Concepts and Solutions* (pp. 33-62).

www.irma-international.org/chapter/introduction-fully-partially-observable-markov/60923

Analysis of Big Data Network Security Defense Mechanism Application of Artificial Intelligence

Haitao He, Lin Luo and Qiong Zhao (2024). *International Journal of Intelligent Information Technologies* (pp. 1-18).

www.irma-international.org/article/analysis-of-big-data-network-security-defense-mechanism-application-of-artificial-intelligence/359181

On the Computational Character of Semantic Structures

Prakash Mondal (2014). *International Journal of Conceptual Structures and Smart Applications* (pp. 57-67).

www.irma-international.org/article/on-the-computational-character-of-semantic-structures/120234

Early Detection of Alzheimer's Disease Using Bottleneck Transformers

Arunima Jaiswal and Ananya Sadana (2022). *International Journal of Intelligent Information Technologies* (pp. 1-14).

www.irma-international.org/article/early-detection-of-alzheimers-disease-using-bottleneck-transformers/296268

The Role of Chatbot Technology in the Cultural Value Proposition: A Managerial Perspective in Human-Like Interaction

Gesualda Iodice, Laura Clemente and Francesco Bifulco (2024). *The Use of Artificial Intelligence in Digital Marketing: Competitive Strategies and Tactics* (pp. 166-187).

www.irma-international.org/chapter/the-role-of-chatbot-technology-in-the-cultural-value-proposition/334112