

# AMBIENT INTELLIGENCE: ITS CONCEPT, BASICS, AND APPLICATIONS IN THE EDUCATIONAL PROCESS

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***ABSTRACT\_** The concept of ambient intelligence has been one of the most prevalent technological concepts in recent years. The research on this area is still in its early stages due to the modernity of the concept and its implementations.*

*This study aims to shed light on the concept of ambient intelligence, its principles, historical development, relationship to other areas (e.g., sensors, thinking, and human-computer interaction), some models of ambient intelligence applications as well as its implementations in the educational fields. Because of the importance of the context awareness and learning everywhere, the researcher reviewed the characteristics and criteria of context awareness and learning everywhere in smart learning environments*

***KEY WORDS:** Ambient intelligence, Awareness of context and learning everywhere, Smart learning environment.*