



Impact of Artificial Intelligence in Education

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Introduction

The computer, an unparalleled invention of the twentieth century, has the power to perform countless calculations in a few seconds. If it is operated properly, it has the ability to work intelligently like the human brain. The computer in our use has undergone various designs and technological developments and has reached its current evolution. In today's computer development, in the industrial revolution, in education, the technology called artificial intelligence plays an important role.

Key Words- Information technology, machine learning, education technology, intelligent systems, decision making.

Artificial Intelligence

The current development and expansion of computers has brought the world of scientific information technology into the hands of people. The great scientific progress that has occurred in the field of information technology is causing a renaissance and industrial revolution in people's lives. With the help of information and communication devices, even events taking place in one place can be known instantly in another. In today's computer development, in the industrial revolution, in education, the technology called artificial intelligence plays an essential role.

Artificial Intelligence (AI) is an intelligent technological system or a software development method. It can perform tasks with the same ability as humans. Artificial intelligence has brought extraordinary changes in the field of information and communication. As a result, many improvements can be seen in the quality of education.



Artificial Intelligence Framework

The difference between humans and machines is the ability to create intelligence. If the ability to create intelligence is implemented by machines, it is included in the framework of artificial intelligence. Artificial intelligence functions as a broad view of computer science. To perform actions and tasks with human intelligence, highly capable machines are needed. To make tasks easier to handle capable machines, without much material cost, and to complete them quickly, the contribution of artificial intelligence is greatly needed.

Definition of AI

Artificial intelligence is an attempt to create tasks and actions that humans do in a way that can be performed by machines. For example, the aim of artificial intelligence is to make machines do the same things that scientists do, and the decisions that humans make, as doctors do. It is a field of study that creates machines that are as intelligent as humans. The task of artificial intelligence is to process human intelligence in machines, study the thought processes and intelligent behaviors that occur in the mind, and bring it to machines. Artificial intelligence is a field that tries to understand and create intelligent systems.

Artificial Intelligence Application

An application is a system that is capable of running on its own. It has a complete user interface. It can be called an application (Seyali) or an application (Payanpaadu). It can also be large, complete, and a complete set of functions. An application fulfills a comprehensive purpose such as communication, entertainment, and financial management. WhatsApp, Google Maps, Flipkart, etc. are applications (Apps).

Artificial Intelligence Processing Tools

A tool is a feature attached to a processor or program. A TOOL is usually a small, individual part. Its job is to improve a specific task or process. For example, it can perform many tasks like debugging, writing code, etc. like humans. Some processors are capable of running independently, but at the same time, they function as a tool in various software environments (Gmail, Docs, Search) due to the powerful artificial intelligence technology (Large Language Model) in their input.

Sometimes applications (APPS) function in two stages like tools (TOOL). The purpose of this study is to demonstrate the types of artificial intelligence tools and various thinking analysis. Artificial Intelligence Tools

Artificial Intelligence Tools are software applications that use machine learning and artificial intelligence techniques to perform tasks that humans should do. Its functions include automating processes, efficiently compiling, describing and analyzing large data sets, and contributing to a more productive and accurate reporting process.



Learning Teaching Artificial Intelligence

The role of AI tools in learning and teaching is becoming increasingly entrenched and has a profound impact. Artificial intelligence technology, which is capable of running as a standalone application, acts as a powerful artificial intelligence tool when it is input into various software environments (Gmail, Docs, Search). Artificial intelligence applications in teaching and learning environments act quickly and produce learning results. They contribute greatly to language translation in foreign languages during native language learning. Chat GPT and Gemini applications are said to have a great impact on the education sector as applications that help with language translations.

Chat Gpt

Is an artificial intelligence application capable of holding natural conversations with people. It is used for writing articles, reports, emails, writing code, helping students learn, translating, explaining and summarizing. It also responds in many languages and converses like a human.

Gemini

Gemini is a standalone application. At the same time, its powerful artificial intelligence technology (Large Language Model) works as a tool or feature in various software environments (Gmail, Docs, Search). It provides the information searched for quickly and clearly. It retrieves data from the Internet and provides answers to data quickly. It provides the correct answer to the question, and if necessary, a summary. It is widely used in learning, research, and project drafting.

Apps In Translation Work

Language learning is the learning of only one language or a language that the learner knows. These apps make a great contribution to translation work, both as a language learner and in the absence of knowledge of another language.

In the education sector, applications like SAT GBT and Gemini play a major role in translating and explaining, translating the curriculum into different languages, translating and teaching the subject, translating articles, and translating drafts. For example, when a Tamil subject called Sirupanatrupadai asks for the syllabus in other languages, artificial intelligence applications provide the complete syllabus even though there is no complete understanding of Sirupanatrupadai. Sirupanatrupadai lists all types of questions such as the teacher, the poet who sang it, the meaning, purpose, benefit, learning outcomes, teaching materials, field research, assignment, teaching in which situation, mcq questions, short answer questions, brief questions. It also calculates how many hours the subject can be taken. In this way, the syllabus is prepared from one language to other languages.



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சிறுபாணாற்றுப்படை பாடத்திட்டம் (sirupaanaatruppai lesson plan) give me

கீழே சிறுபாணாற்றுப்படை பாடத்திட்டம் (Lesson Plan) அழகாக, பள்ளி/கல்லூரி வகுப்புகளில் பயன்படுத்தும் வகையில் கொடுக்கப்பட்டுள்ளது. தேவையெனில் இதைப் PDF/Canvas ஆவணமாகவும் மாற்றித் தரலாம்.

★ சிறுபாணாற்றுப்படை – பாடத்திட்டம் (Lesson Plan)

1. பாடப்பகுதி

சங்க இலக்கியம் – பாணாற்றுப்படை நூல்கள்
சிறுபாணாற்றுப்படை – கற்றகத்தா யானைச்சேரி ஆரியனார்

2. கற்றல் நோக்கங்கள் (Learning Objectives)

இந்தப் பாடத்தினை முடிவடையும்போது மாணவர்கள்:

- சிறுபாணாற்றுப்படை என்னும் நூலின் தலைப்பு மற்றும் உள்ளடக்கத்தை விளக்க முடியும்.

+ Ask anything

give english

Below is the Sirupaanaatruppada – Lesson Plan in English, prepared clearly for school/college use. If you want, I can also convert this into a PDF / DOCX / PPT.

★ Sirupaanaatruppada – Lesson Plan (In English)

1. Topic

Sangam Literature – Pannaruppada Texts
Sirupaanaatruppada – by Yanai Ceeri Ariyanar

2. Learning Objectives

By the end of this lesson, students will be able to:

- Explain the nature and content of Sirupaanaatruppada.
- Understand the life, profession, and social role of panars (minstrels).
- Identify Kuringji landscape features described in the poem.
- Describe the structure, author, and literary qualities of the text.

+ Ask anything



It explains that. Even if a complete explanation is given, if some places need to be changed with human intelligence, the complete meaning will be obtained. Grammatical errors will also not occur.

Conclusion

Artificial intelligence tools perform the great task of loading the fonts of one language and recording words in another language, creating dictionaries, translating the literature of one language into other languages, and taking the literature and grammar of a country, society, and language to a global level through translation into other languages.

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