



(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/index.htm>)

Patent Search

Invention Title	AI (ARTIFICIAL INTELLIGENCE): AN EMERGING PERSPECTIVE IN ENGLISH LANGUAGE LEARNING AND TEACHING
Publication Number	49/2022
Publication Date	09/12/2022
Publication Type	INA
Application Number	202241069766
Application Filing Date	02/12/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	G09B0019060000, G06Q0050200000, G06N0020000000, G09B0005060000, G09B0019020000

Inventor

Name	Address	Country	Nationality
Dr. K. Gayathri	Lecturer, Department of English, SR and BGNR Govt. College of Arts and Science Autonomous, Khammam, Telangana, India - 507003.	India	India
Dr. K. Sujatha	Assistant Professor, Department of Mathematics and Humanities, RVR & JC College of Engineering, Guntur, Andhra Pradesh, India - 522007.	India	India
Kiranmai P	Assistant Professor, Department of English, Anurag University, Hyderabad, Telangana, India - 501403.	India	India
Mrs. S. Archana	Assistant Professor, Department of English, Anurag University, Venkatapur, Ghatkesar, Hyderabad, Telangana, India - 501403.	India	India
B R Lakshmi	Assistant Professor, Department of Humanities and Mathematics, G Narayanamma Institute of technology and sciences, budvel, Rajendranagar, Hyderabad, Telangana, India - 500030.	India	India
Dr. S. Ammani	Assistant Professor, Department of English, BVRITH College of Engineering for Women, Hyderabad, Telangana, India - 518501.	India	India
Dr. A. Shobha Rani	Associate Professor, Department of English, Malla Reddy Engineering College, Datta Kailash Tower, New Sai Nagar, Peerzadiguda, Medchal, Telangana, India - 500039.	India	India
Mula Mary Madhavi	Faculty in English, Department of English, Rajiv Gandhi University of Knowledge Technologies, AP-IIIT, Allagadda, Kurnool, AP, India - 518543.	India	India
Rajeswari Surisetty	Assistant Professor, Department of English, Division of Communication Skills, Koneru Lakshmaiah Education Foundation.(KL University), Guntur, Andhra Pradesh, India - 522007.	India	India
Dr. M. Ravichand	Professor of English, Department of Basic Sciences and Humanities, Sree Vidyaniethan Engineering College, 10-60, SVEC Quarters, A. Rangampet, Chandragiri Mandal, Tirupati, Andhra Pradesh, India - 517102.	India	India

Applicant

Name	Address	Country	Nationality
Dr. K. Gayathri	Lecturer, Department of English, SR and BGNR Govt. College of Arts and Science Autonomous, Khammam, Telangana, India - 507003.	India	India
Dr. K. Sujatha	Assistant Professor, Department of Mathematics and Humanities, RVR & JC College of Engineering, Guntur, Andhra Pradesh, India - 522007.	India	India
Kiranmai P	Assistant Professor, Department of English, Anurag University, Hyderabad, Telangana, India - 501403.	India	India
Mrs. S. Archana	Assistant Professor, Department of English, Anurag University, Venkatapur, Ghatkesar, Hyderabad, Telangana, India - 501403.	India	India
B R Lakshmi	Assistant Professor, Department of Humanities and Mathematics, G Narayanamma Institute of technology and sciences, budvel, Rajendranagar, Hyderabad, Telangana, India - 500030.	India	India
Dr. S. Ammani	Assistant Professor, Department of English, BVRITH College of Engineering for Women, Hyderabad, Telangana, India - 518501.	India	India
Dr. A. Shobha Rani	Associate Professor, Department of English, Malla Reddy Engineering College, Datta Kailash Tower, New Sai Nagar, Peerzadiguda, Medchal, Telangana, India - 500039.	India	India
Mula Mary Madhavi	Faculty in English, Department of English, Rajiv Gandhi University of Knowledge Technologies, AP-IIIT, Allagadda, Kurnool, AP, India - 518543.	India	India
Rajeswari Surisetty	Assistant Professor, Department of English, Division of Communication Skills, Koneru Lakshmaiah Education Foundation.(KL University), Guntur, Andhra Pradesh, India - 522007.	India	India
Dr. M. Ravichand	Professor of English, Department of Basic Sciences and Humanities, Sree Vidyaniethan Engineering College, 10-60, SVEC Quarters, A. Rangampet, Chandragiri Mandal, Tirupati, Andhra Pradesh, India - 517102.	India	India

Abstract:

Complex, fast-processing, and intelligent machines are evolving. Recently, AI and machine learning have made significant advances in deducing, inferring, and making judgments. Thus, this research examines university students' perspectives on using AI to teach/learn English. The research uses the analytical descriptive technique to assess the literature and discuss AI and its use for teaching/learning English. 40-item questionnaire. It includes AI methodologies and applications for teaching/learning English, their efficacy, practicality, and prerequisites for employing them. Its Cronbach's alpha was 0.931. 44 male, English language students were randomly chosen for the research. Applying invention instruments. AI-friendly English teaching/learning methodologies were found. These tactics were seldom utilized to teach/learn English, but the results showed their efficacy. The invention sample identified training needs. An AI application plan for English education includes the basics, objectives, content, processors, and evaluation methods.

Complete Specification

Description: English language teaching is considered an essential educational objective in terms of developing students' ability to globally communicate. English language learning is one of the necessary educational objectives at a personal, academic, and occupational level. It is dependent on the educational programs and methods that focus on building incentives and positive attitudes toward language learning, and employing skills in communicating, teaching and learning. The importance of using AI applications for creating written texts, developing students' skills in constructing sentences and building up texts, and practicing writing and reading skills. Along the same added that employing AI applications help develop English language skills and language communication skills through intelligent dialog boxes. Language development processors are enhanced by a variety of intelligent sources, windows for dialogs and discussion, intelligent tools for communication, programs that generate texts for reading, and programs that extract information from reading passages. Such props develop reading comprehension skills.

The objective of the invention is to determine the strategies and methods of employing AI for teaching/learning the English language, the effectiveness of these strategies, and the university student's perspective on the viability of applying them. The invention also aims to determine the methods of employing AI applications for the development of programs related to English teaching/learning.

The problem of the current invention is the low level of language skills among English learners. This is due to the usage of traditional strategies for teaching and building language skills. In order to address this problem, the present invention attempts to answer the following questions:

What are suitable strategies and methods for employing AI for teaching/learning English from the university students' perspective?

How effective is the employment of AI for developing the processes and outcomes of teaching/learning English from the university students' perspective?

To what extent is the employment of AI viable for teaching/learning English from the university students' perspective?

[View Application Status](#)



**Department of Industrial
Policy and Promotion**
Government of India

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019