

Vol-I || Issue-I ||

ISSN: 3139-4361

EPOCHÉ: MULTIDISCIPLINARY REVIEW

A Peer Reviewed Journal

By Department of Philosophy,
Jorhat College (Amalgamated)

Editor: Dr. Ranjit Bhattacharyya

Vol.-I, Issue-I, 3139-4361, 2025
Published by: Jorhat College Publication

SL. No.			Page No.
1.	Autor: Paper Title:	Florentin Smarandache Continuum Neutrosophic Information Geometry. A Differential-Geometric Framework for Triple-Valued Continuous Uncertainty	8-29
2.	Author: Paper Title:	Sambit Mitra, Dr. Debolina Mukherjee Framing the Intellectual Woman: Gender, Modernity, and the Bhodrolok Gaze in Satyajit Ray's Charulata	30-45
3.	Author: Paper Title:	Dr. Soumitra Puzari Indian Bhakti Movement and Sreemanta Sankardev: His Role in Strengthening the Cultural Bondage between Assam and the Rest of India	46-50
4.	Author: Paper Title:	Elorananda Pathak A Study on the Historical and Archaeological Importance of Mayong with Special Reference to Its Traditional Healing Practices	51-61
5.	Author: Paper Title:	Ishani Das Nature as Natural Healer: How Unplanned Urbanization is Spreading Toxins into the Psyche of People in the Era of Globalization	62-70
6.	Author: Paper Title:	Dr. Rasmi Das Beyond the Classroom: How Artificial Intelligence is Reshaping Student Learmning	71-75
7.	Author: Paper Title:	Babita Saikia An Analytical Study on Governance in the Indian Education System from the Vedic Period to the Modern Era	76-83
8.	Author: Paper Title:	Dr. Bhaswatee Pathak Understanding Sustainable Development from an Environmental Law Perspective	84-89

Epoché: Multidisciplinary Review, Vol-I, Issue-I, 2026,
Das, Dr. Rasmi : Beyond the Classroom: How Artificial Intelligence is Reshaping Student Learning, pp. 71-75

Beyond the Classroom: How Artificial Intelligence is Reshaping Student Learning

Dr. Rasmi Das
Assistant Professor, Department of Education,
Jorhat College, Jorhat

Abstract

This study investigates the growing role of Artificial Intelligence (AI) in reshaping the current education system and transforming traditional pedagogical styles into dynamic, interactive environments. Utilizing a systematic qualitative review methodology based on educational research reports, peer-reviewed journals, and surveys, the research examines both the benefits and the obstacles associated with AI integration. The findings indicate that AI plays a vital role by enabling smart content creation, universal and enhanced accessibility, adapted learning, managerial provisions, prompt responses, and continuous 24/7 learner support. However, the integration of AI also presents significant challenges, including shortened critical thinking, academic untruthfulness, reduced human communication, teacher training hurdles, technological dependency, infrastructure restrictions, and data privacy concerns. The study concludes that while AI offers unprecedented opportunities to tailor learning experiences and improve academic performance, educational institutions must establish robust frameworks to ensure ethical usage, protect data confidentiality, and preserve human-centric educational values.

Keywords

Artificial Intelligence, Student Learning, Adaptive Learning, Educational Technology, Higher Education

Introduction:

Artificial intelligence means the progress ofhuman skill through the practice of non-natural means.Themain purpose of AI is to maketechnologies that can performlogically and autonomously and decrease human labourand physicaleffort. Artificial Intelligent practices machineknowledge to make this type of smart machine. Spotify, Netflix and YouTubetruly using AI. Presently Siri, Alexa and Tesla cars areinstances of AI skill.Artificial Intelligence contain of two words"Artificial" and "Intelligence". Intelligence is somewhatthat is connected to human lives and anindividual who isbright has the chance to success the meets of life, resolvethe difficulties of lifecycle more competently than individuals who haveless intellectual **(Saxena, R.2022).**The beginning of Artificial Intelligence has started an example swing in the worldwide education area. Over the past period, the enlightening scenery has lifted from inactive, lecture-based representations to dynamic, communicating atmospheres.Artificial Intelligence is one of the most transformative types of knowledge in teaching, redesigning the way learners'study and teachers send instruction. AImotorized tools such as intellectualtrainingarrangements, computer-generatedaides, adaptive learning stages, and automatic calculation structures deliver modified learning skills, progressundergraduate engagement, and improvetheoretical performance.The fast incorporation of Artificial Intelligence (AI) in teaching learning sceneries has transformed outdated pedagogical styles. As instructive institutes transfer to digital-first plans, AI driven skills reaching from adaptive knowledge arrangements to reproductive AI tools have primarily changed the scenery of knowledge gaining.Recent research shows that AI has important possibility to recover enlightening consequences through modified training, adaptive learning arrangements, and intellectual teaching. Organized reviews have found that AI skills can expand reasoning learning consequences, inspiration, and theoretical act when united efficiently into teaching performs.**Jereb,E & Urh M,.(2024),** conducted a study on use of Artificial Intelligence among258 universitystudents of higher education. Their study exposes an overall understanding with AI ideasyet with a restricted capability to articulate this thoughtful. Popular AI tools like ChatGPT and Grammarly are mainly used for data recovery and knowledge generation.There have been numerous studies and cases of AI being used in education that have revealed optimistic consequences in terms of student learning outcomes and engagement.Their study observes the varied range of AI skills working in enlightening surroundings, including intelligent training schemes, modified learning stages, instructive chatbots, and computer-generated authenticity imitations (Farahani,M,S & Ghasmi, G .2024).

Objectives:

- To study the role of Artificial Intelligence in current education system.
- To findout the challenges related with Artificial Intelligence in education.

Method:

This study adopts a systematic qualitative review style collected data from educational research reports, peer-reviewed journals, surveys etc.

Results and Discussion:

Objective 1:The result of the first objective shows that Artificial Intelligence played a vital role in current education system.It helps both students and teachers progress the teaching-learning procedure through smart tools and skills.Following are some roles:

- Smart Content Construction:AI supports to generate digital textbooks, tests, communicating videos, and informative imitations, manufacturing education more attractive and available**(Saxena, R.2022).**
- Universal Access:Artificial intelligence technology will help increating smart content. This will benefit all students,including those who cannot see or hear. It can providereal-time subtitles to students for everything said by theteacher. Artificial intelligence technology can break downthe silos that prevent students from moving forward.24X7 learner support and tutoring(Saxena, R.2022).
- Adapted Learning: AI adjustslearning according to separately student's learning speed, assets, and challenges. Undergraduatesacceptmodifiedlearningresources and preparationinquiries, letting them to study more efficiently.
- Enhanced Availability: AI powered tools can support scholars with incapacities and individuals who express diverse languages, encouraging comprehensive education.
- Managerial Provision:Colleges and schools use AI to arrange presence, preparation, admissions, student accounts, and announcement, enlightening organizational effectiveness.

- Improvement of Numerical Aids:By means of based tools spreads students with contemporary skills, making them for upcoming occupations where numerical learning and AI information are gradually significant.
- Enlightening Support: AI powered and computer-generated teachers are accessible at any time, permitting students to inquire inquiries, evaluation lessons, and accept help outdoor classroom times. This cares unceasing learning and self-determining study.
- Prompt Response:AIpowered instructive steps can assess projects, quizzes, and activities instantly. Immediate feedback supports students identifyerrors, accuratemistakes, and support their information without to come for teacher assessment(Saxena, R.2022).

Objective 2:Also, the important AI takes to pupils' knowledge involvements, it presents manychallenges that teachers must navigate. These challenges contain theoretical integrity, moral problemssuch as prejudices and data confidentiality, and the influence of AI on important reasoning skills (Samaty,M.E). The result of the second objective foundthat there are some challenges related with AI in education such as

- Shortened Critical Thinking: When undergraduates admit AIgenerated answers without investigation, chances to grow intellectual, imagination, and systematic thoughtful may decline.
- Academic Untruthfulness:Generative AI tools can produce essays, assignments, and solutions that students may submit as their own work, raising concerns about plagiarism and academic integrity.
- Reduced Human Communication: AI tools may decrease expressive connections between instructors and students. Human direction, sensitive provision, and mentorship endure indispensable parts of teaching.
- Teacher Training and Willingness:Many teachers are unskilled with AI services. It is a challenge that they resist to accepting new knowledges.
- Dependency on Technology:Due to dependence on AI tools students might be decrease their problem-solving ability, creativity,and self-learning.
- Infrastructure Restrictions:There are some lacksof essential technicalInfrastructure such as poor internet connectivity, limited calculating properties, insufficient practical support.

- Authorized and Copyright Issues:AI generated content can make indecision about academic property. Sometime people unable to acceptproper citation and responsible AI use.
- Lack of AI Knowledge:Many undergraduates and teachers do not completely know how AI works.

Conclusion:

Artificial Intelligence is deeply redesigning the teaching learning scenery. Its size to adapt learning involvements offers an exclusive chance to talk separate student desires, nurturing an atmosphere where students are no longer 'left behind' by unbending programs. However, to maximize its assistances, theoretical institutes must grow healthy outlines that order right practice, data secrecy, and the protection of human-centric knowledge ideals. AI should be observed as an enhancive tool that raises human possible rather than a spare for it.Artificial Intelligence is converting education by creation knowledge more adapted, available, and resourceful. AI skills deliver important recompenses through adaptive knowledge, instant response, and improved student engagement. However, challenges such as overreliance, academic untruthfulness, secrecy concerns, and compact critical thinking need wary organization.Artificial Intelligence has changed teaching by generating more modified, available, and pleasing data practices. It allows students to study at their own pace, accept instant provision, and grow important services for the forthcoming.

Reference:

Farahani,M,S &Ghasmi,G .(2024). Artificial Intelligence in education: A comprehensive study.Forum for Education Studies,2(3), 1379. https://doi.org/10.59400/fes.v2i3.1379

Jereb,E &Urh M,.(2024). The Use of Artificial Intelligence amongStudents in Higher Education,Organizacija, Volume 57,Issue 4. DOI: 10.2478/orga-2024-0024

Krishna, L at ell.(2024). the Impact of Artificial Intelligence in Reshaping Education: An Analysis Based on Learning Theories, ITM Web of Conferences, 68, 01008.

Saxena, R.(2022).Role of Artificial Intelligence in Indian Education System,Integrated Journal for Research in Arts and Humanities.Volume-2 Issue-5PP. 104-107 https://doi.org/10.55544/ijrah.2.5.16

***