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INDEX

S. NO.	AUTHOR	TITLE OF THE PAPER	PAGE NO.
1.	Dr. Tanveer Ikram	Use of Generative AI: A Practical Implementation for CBSE IX AI Syllabus	6 – 20
2.	Dr. Mandira Gupta & Dr. Fozia Roohi	Spreading Scope of AI in Education, Challenges & Opportunities in its Adoption	21 – 31
3.	Ar. Tushar Mondal	Playful Pedagogy: Digital Video Games (DVGs) as Tools for Inclusive Education and Skill Reinforcement	32 – 42
4.	Ms. Humairah Khatoon & Prof. Syedah Fawzia Nadeem	Empowering Inclusive English Language Teaching through Artificial Intelligence: Strategies and Implications for Diverse Learner Profiles	43 – 51
5.	Ms. Aradhana Jha & Ms. Shivani	Paradigm Shift from Traditional Classroom to Technology Based Classroom	52 – 60
6.	Ms. Nazia Hassan & Ms. Sapna Pandey	Artificial Intelligence and the Future Classroom	61 – 65
7.	Dr. Farzana Munawwar	Emerging Trends of Artificial Intelligence in Education	66 – 72
8.	Mr. Gyanendra Kumar Shukla & Mr. Lekhram Prajapati	Exploring Ensemble Methods for Effective Text Classification in Data Mining Environments	73 – 82
9.	Mr. Muzammil Akhlaq	Revolutionizing Teacher Education: A Synergistic Approach to Sustainability through Artificial Intelligence	83 – 99
10.	Dr. Vinod Kumar Kanwaria & Ms. Archana Yadav	Planning Out Artificial Intelligence Methods for Tailored Learning in the Context of Automated Tutoring Systems	100 – 109
11.	Dr. Neha Sharma	AI and its Handholding with Humans in Education	110 – 116
12.	Ms. Ashalata Bedant & Ms. Sapna Rani	Revolutionizing Education - Harnessing The	117 – 122

SPREADING SCOPE OF AI IN EDUCATION, CHALLENGES AND OPPORTUNITIES IN ITS ADOPTION

Dr. Mandira Gupta*

Dr. Fozia Roohi**

ABSTRACT

Increasing demand and multiple advantages of Artificial Intelligence (AI) are knocking the doors of every organization to support and share their manual, mechanical and personal tasks. Recent introduction of AI technology has expanded vivid phases of our lives but scholars and intellectual are engaged in minute observation of those challenges which would be proposed by AI. No doubt, education is also greatly influenced of various tools and technologies under artificial intelligence. Educators are frequently adapting with this latest innovation and learners are too benefitted with the advent of AI despite a fear that it would be affecting whole education scenario by transforming our schools and classrooms into human- teacher less schools and classrooms. This paper is an exploration as how the teachers and educators are adopting AI and what kind of challenges and opportunities would be there in its adoption.

Keywords: AI Tools, Advantages of AI, Challenges and Opportunities

* Principal, Institute of Vocational Studies affiliated to GGSIP University, Delhi

** Asst. Prof., Institute of Vocational Studies affiliated to GGSIP University, Delhi

INTRODUCTION

Artificial Intelligence can be defined as machines that can perform the tasks that humans carry out through their thinking. (Dörfler, 2022) Its use is growing at an unprecedented rate & it is rapidly changing the aspects of human life. In recent years the use of Artificial Intelligence (AI) & various learning devices under AI have effectively been introduced in the field of education. Education includes many aspects of teaching & learning and it involves both school education and higher education. Teacher education is an integral part of our education system as it serves as a mean of shaping the future. There is a close positive correlation between the college teachers and higher education. (Deng et al., 2022) The National Council for Teacher Education (NCTE) has defined Teacher Education as a programme of education, research & training of persons to teach students of pre-primary to higher education. The ultimate aim of teacher