

पेटेंट कार्यालय  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

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निर्गमन सं. 19/2022  
ISSUE NO. 19/2022

शुक्रवार  
**FRIDAY**

दिनांक: 13/05/2022  
DATE: 13/05/2022

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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211026852 A

(19) INDIA

(22) Date of filing of Application :10/05/2022

(43) Publication Date : 13/05/2022

(54) Title of the invention : ARTIFICIAL INTELLIGENCE AND BLOCKCHAIN BASED EFFICIENT LEARNING SYSTEM

(51) International classification :G06Q0050200000, G06N0020000000, G09B0019000000, G09B0007000000, G06Q0010100000

(86) International Application No :NA  
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA  
Filing Date :NA

(62) Divisional to Application Number :NA  
Filing Date :NA

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(57) Abstract :

Even though technological breakthroughs have allowed the education sector to progress at a quicker rate than ever before, there are still many areas that need to be explored. There is always the possibility of more improvements in education in the future. Machine learning (ML) and blockchain, two of the most disruptive technologies now in use, have contributed to replacing old educational techniques with more technologically advanced and effective solutions in the education business. This study aims to produce a system that unites these two radiant technologies and assists in the resolution of difficulties such as forgeries of educational records and the granting of fraudulent degrees. By combining these technologies and developing a system that uses blockchain to store student data and machine learning to accurately predict students' future job roles after graduation, the problems of further counterfeiting and insecurity surrounding student achievements will be avoided. Furthermore, machine learning models will be trained and forecasted using real data sets. In exchange for their engagement, this system will provide the institution with an official decentralized database of student records regarding individuals who have graduated from the university due to their involvement. Another feature of this system is a platform that allows companies to check the educational records of their employees. This platform is available via the system. Using professional networking sites such as LinkedIn, which are intended for maintaining professional accounts, students may share the educational material included in their e-portfolios with their fellow students. As a result of this, students, corporations, and other organizations will have an easier time acquiring student data authorization than before.