IJARSCT



International Journal of Advanced Research in Science, Communication and Technology

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal



Volume 5, Issue 5, June 2025

Intelligent Automation in Software Testing

Lalit Kashap PA, USA

Abstract: Automation systems have become a cornerstone of modern software testing infrastructure, enabling organizations to enhance test coverage, reduce human error, and accelerate release cycles. These systems are instrumental in managing repetitive testing tasks and optimizing complex test workflows, contributing to consistent software quality across development environments. However, despite their widespread adoption, conventional test automation frameworks often encounter substantial limitations when deployed in dynamic, real-world software projects.

Keywords: Automation systems





