## 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 2, April 2025

## **FarmFlex Rentals**

Lokesh Patidar<sup>1</sup>, Krishna Pratap Thakur<sup>2</sup>, Harshit Patel<sup>3</sup>, Manoj Kumar Gupta<sup>4</sup>, Nidhi Nigam, Chanchal Bansal<sup>5</sup>, Prof. Nidhi Nigam<sup>6</sup> Student, Department of Computer Science and Information Technology<sup>1,2,3,4,5</sup> Assistant Professor, Department of Computer Science and Information Technology<sup>6</sup> Acropolis Institute of Technology and Research Indore, India

**Abstract:** The agricultural sector is where small and marginal farmers face the biggest challenges. One of the main hurdles they face is the cost of getting their hands on the right equipment. That prohibitive cost stops them from accessing the tools they need. As a result, productivity goes down and that machinery sits idle. That lost income for the equipment owners just adds to the financial strain on farmers. This creates a vicious cycle of inefficiency and hardship.

FarmFlex Rentals wants to tackle those issues head-on. Its innovative platform lets equipment owners rent out their machinery and earn a steady income. At the same time, it gives farmers affordable access to the tools they need. That dual benefit not only gets the most out of available resources but also encourages sustainable farming practices by reducing waste and promoting sharing among farmers.

**Keywords:** Agricultural Equipment Rental, Sustainable Farming Practices, FarmFlex Rentals, Resource Sharing, Affordable Machinery Access, Small and Marginal Farmers





439