## 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 9, June 2025



## **Recent Trends in Satellite Communication**

Ms. Dighe Yogita Nanasaheb Amruthvahini Polytechnic, Sangamner

**Abstract**: This paper reviews major developments in satellite communication between 2024 and 2025. Topics include LEO mega-constellations, D2D and 5G NTN integration, optical links, AI/Cybersecurity, small satellites & IoT, sovereign networks, and orbital sustainability. Implications for market dynamics, policy, and future research are discussed.

Keywords: satellite communication.

IJARSCT

ISSN: 2581-9429

Copyright to IJARSCT www.ijarsct.co.in



DOI: 10.48175/IJARSCT-28205



28