

International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 2, February 2022

Antennas' and It's Application

Vidya H. Kate, Shweta P. Lokhande, Jyoti G. Sulakshane, Yogesh V. Chandratre

Lecturer, Department of E&TC Guru Gobind Singh Polytechic, Nashik, Maharashtra, India vidya.palve@ggsf.edu.in, shweta.lokhande@ggsf.edu.in, jyoti.sulakshane@ggsf.edu.in, yogesh.chandratre@ggsf.edu.in

Abstract: An Antenna is the most significant part in wireless communication systems. Antenna converts electrical signals into radio waves and vice versa. Which is mainly used as a transmitting as well as receiving Antenna? There are different types of antennas. In this paper, we present various types of antennas that can be used for different application according to their parameters such as radiation pattern, gain, impedance matching, bandwidth, size, transmission range etc. Our main aim is to categorize these antennas according to their applications.

Keywords: Antenna, Wireless Communications, Radio Waves, Applications.

REFERENCES

- [1]. Abdul Qadir Khan, Muhammad Riaz and Anas Bilal, School of Information Technology, The University of Lahore, Islamabad Campus" Various Types of Antenna with Respect to their Applications: A Review" International Journal Of Multidisciplinary Sciences And Engineering, VOL. 7, NO. 3, MARCH 2016
- [2]. K. P. Ray, SAMEER, IIT Campus, Hill Side, Powai, Mumbai 400076, "Design Aspects of Printed Monopole Antennas forUltra-Wide Band Applications" International Journal of Antennas and Propagation Volume 2008, Article ID 713858, 8 pages.
- [3]. Nisha Singh, Madhuri Sharma Antenna and Its Application India, IJCST Vol. 6, Issue 1 Spl- 1 Jan-March 2015
- [4]. Deschamps, G.A., "Microstrip microwave antennas," 3rd USAF Symposium on Antennas, 1953.