Experiment - 1: Study of different kinds of Antenna

1.	Aim: Study	of different	classes of	of antennas.	their types.	working.	and app	lications
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2. Requirements:

To study various linear antennas like dipole, folded dipole, Linear antenna Arrays like Yagi-Uda Antenna , Log periodic antenna Microstrip Antenna Aperture Antennas

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Brief Theory
(Requirement of Antennas, Classes of antennas and their types)

4. Laboratory Exercise

4.1 Procedure: (Principle of working and applications of antennas under study. Explain atleast one antenna under each class)

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4.2	Observations:
	(Diagrams of the antennas under study)
5. P	ost Experiment Exercise:
5.1	Conclusion/Comments
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5.2 Questions:

- 1. Explain evolution of an antenna from transmission line.
- 2. Write the conditions under which an antenna radiates.
- 3. What are the different performance parameters of an antenna?
- 4. Define different field regions of antennas. Describe each region.

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