**SHAMBHUNATH INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**ANTENNA & WAVE PROPAGATION SUBJECT CODE:REC-051-ASSIGNMENT**

**B.TECH. 5th - SEMESTER**

**BRANCH: ELECTRONICS AND COMMUNICATION ENGINEERNG**

1. Derive the expressions of radiation resistance for small loop antennas.
2. Write a short note on any one of (i) helical antenna (ii) Parabolic reflector(iii) Adcock antenna (iv) Microstrip antenna (v) log periodic antenna (vi) plane earth reflection.

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