ABSTRACT

This project was Embedded based on controlling the antenna direction and changing the direction automatically using a remote. The project was using the Arduino Uno microcontroller and rotating the antenna 360' degrees using a gear motor the gear motor rotates the forward and reverse directions two sides are rotated to the antenna to change the antenna direction. And using the servo motor to change the fixed direction of the antenna-like 30',60',90'120',150', and 180' degrees to rotate the antenna. Once the gear motor is used to rotate the antenna and change the angle of an antenna using the servo motor. And the two motors are controlled or activated using the IR remote.