**ANSAL UNIVERSITY**

**Ansal Institute of Technology (IPU)/**

**School of Engineering and Technology (AU)**

**Department of EEE**

2014-15

**School S. No.:45 Dept. S. No.:EEE18**

**Title of the Project:** GSM based speed control of DC motor.

**Student Names:** 1. Deepak Sharma

 2. Nuhi Gupta

 3. Abhijeet Sharma

 4.Divya Somra

**Project Guidance:** Mrs Harsha Vanjani, Faculty guide, Ansal university

**Project Description:**

Remote control of an D.C motor will be implemented by using a standard GSM mobile phone. To drive the D.C motor a digitally controlled drive system will be designed. This system is flexible to be controlled with both GSM and DTMF based phones. With the developed drive and control system the overall control of the D.C motor will be achieved. The system will be tested for different speed.The experimental results will verify that the GSM controlled drive system is highly effective, reliable, proper and applicable to achieve remote control of the D.C motor. This study gets novel and important point of view for GSM based remote control applications addition to the control of D.C motors.

**Appx. Cost of the Project:** Rs. 4500