

## STUDY OF INDUCTION MOTOR BRAKING

### ABSTRACT:

In this project transient and steady state performance of braking modes of operation of a 3 phase squirrel cage induction motor .To measure time and energy involved for low voltage plugging, DC dynamic braking, Capacitor braking, and Diode braking .To measure the equivalent circuit parameters of the cage motor and inertia Simulate on the computer instantaneous three phase currents and the speed of the test motor for low voltage plugging, DC dynamic braking, Capacitor braking, and Diode braking are designed in MATLAB.

This work presents the detailed comparison of the proposed scheme and presented both experimentally and simulation. The simulation results is obtained by using MATLAB/SIMULINK shows that the superior performance of the proposed scheme.™

