



**KEMENTERIAN PENDIDIKAN TINGGI** JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI

**DET 50063** MOTOR **CONTROL** & DRIVES

POLYCC

OLEJ KOMUNITI

## SPEED CONTROL OF AC MOTOR

(Ts. R. FARAAZLINA)







Understand the speed control methods of ac motor

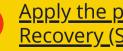
Apply the principles of controlling speed by adjusting the stator voltage



Apply the principles of controlling speed by adjusting supply frequency



Apply the principles of voltage/frequency (v/f) control



Apply the principles of Slip Energy **Recovery (SER)** 

Evaluate the motor efficiency using different contol methods related to energy saving.

## DET 50063 MOTOR CONTROL & DRIVES

## **ABOUT THIS CLASS**

**MOTOR CONTROL & DRIVES** course provide student with the knowledge of the principle operations and applications of motor control and electrical drives. This course covers the methods of speed control and braking methods for ac and dc motors. Emphasis is given on principle operation, characteristic curve and solving the related problems.

