



KEMENTERIAN PENDIDIKAN TINGGI  
JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI



# DET 50063 MOTOR CONTROL & DRIVES

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## SPEED CONTROL OF AC MOTOR

(Ts. R. FARAAZLINA)

**ENROLL NOW**



- ✓ 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 control methods related to energy saving.



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## 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.

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## TOPIC : SPEED CONTROL OF AC MOTOR

[INTERACTIVE VIDEOS](#)

[INTERACTIVE ACTIVITIES](#)

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## REQUIRED TEXTBOOK

[E-REFERENCES](#)

[LINKS](#)