



UNIVERSITI TEKNOLOGI MARA

EPO641: HIGH VOLTAGE ENGINEERING

Course Name (English)	HIGH VOLTAGE ENGINEERING APPROVED				
Course Code	EPO641				
MQF Credit	3				
Course Description	no description provided				
Transferable Skills	Research and Investigative skills				
CLO	CLO1 1. Analyse insulation problems in high voltage apparatus CLO2 2. Analyse the generation and measurement of AC and DC high voltages and currents. CLO3 3. Apply insulation coordination techniques in high-voltage electrical power systems. CLO4 4. Apply diagnostic techniques for the detection of discharges.				
Pre-Requisite Courses	No course recommendations				
Reading List	<table border="1"><tr><td>Recommended Text</td><td><ul style="list-style-type: none">Naidu M.S. and Kumaraju V 1995, <i>High Voltage Engineering</i>, 2nd Ed., Tata McGraw-Hill Publ. Co., Ltd New DelhiKrueger F.H 1989, <i>Partial Discharge Detection in High-Voltage Equipment</i>, Butterworths & Co London</td></tr><tr><td>Reference Book Resources</td><td><ul style="list-style-type: none">E. Kuffel, J. Kuffel, W.S. Zaengl 2012, <i>High Voltage Engineering : Fundamentals</i>, 2 Ed., Newness [ISBN: 8181477367]</td></tr></table>	Recommended Text	<ul style="list-style-type: none">Naidu M.S. and Kumaraju V 1995, <i>High Voltage Engineering</i>, 2nd Ed., Tata McGraw-Hill Publ. Co., Ltd New DelhiKrueger F.H 1989, <i>Partial Discharge Detection in High-Voltage Equipment</i>, Butterworths & Co London	Reference Book Resources	<ul style="list-style-type: none">E. Kuffel, J. Kuffel, W.S. Zaengl 2012, <i>High Voltage Engineering : Fundamentals</i>, 2 Ed., Newness [ISBN: 8181477367]
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Article/Paper List	This Course does not have any article/paper resources				
Other References	This Course does not have any other resources				