

COURSE TITLE	TE142412: Partial Discharge Credits: 2 ELECTIVE COURSE
LEARNING OBJECTIVE	<ul style="list-style-type: none"> • Students have knowledge about Partial Discharge at insulation materials, measurement and detection of partial discharge as well as interpretation of quality of insulation material due to Partial Discharge.
COMPETENCY	<ul style="list-style-type: none"> • Students can explain and understand phenomenon of Partial Discharge at insulation materials, measurement and detection of partial discharge as well as interpretation of quality of insulation material due to Partial Discharge.
SUBJECTS	<ul style="list-style-type: none"> • Phenomena Partial Discharge on insulation materials • Partial Discharge measurement and detection • Partial discharge on SF6 gaseous • Journal (Paper) Review of Partial Discharge
MAIN REFERENCES	<ul style="list-style-type: none"> • F.H. Krueger, <u>Partial Discharge Detection in High Voltage Equipment</u>, Butterworths, 1989 • Haddad A., Warne D.(Editors), <u>Advanced in High Voltage Engineering</u>, The Institution of Electrical Engineering, London, 2004 • Beberapa jurnal tentang peluahan sebagian dari international Journal
OPTIONAL REFERENCES	-
PREREQUISITE	<ul style="list-style-type: none"> • High Voltage Engineering