

COURSE TITLE	TE142413: Special Topic in Power System Engineering Credits: 2 ELECTIVE COURSE
LEARNING OBJECTIVE	To support the research experience and knowledge especially in the newest technologies developments.
COMPETENCY	<ul style="list-style-type: none"> • The student can do the description of the newest technologies in power system application. • The student can do the exploring arguments and develop the idea to design the newest technologies in its applications.
SUBJECTS	<ul style="list-style-type: none"> • To explore the idea through international journal and textbook investigation.
MAIN REFERENCES	<ul style="list-style-type: none"> • Imam Robandi, <u>Modern Power Control: Design and Solution</u>, 2008. • Prabha Kundur, <u>Power System Stability and Control</u>, McGraw-Hill, Inc., 1994. • P.M. Anderson and A.A. Fouad, <u>Power System Control and Stability</u>, The Iowa State University Press, 1977.
OPTIONAL REFERENCES	<ul style="list-style-type: none"> • M.A. Pai, <u>Power System Stability</u>, North-Holland Publishing Company, 1981. • K.R. Padiyar, <u>Power System Dynamics</u>, John Wiley & Sons Ltd, Interlaine Publishing Ltd. 1996. • Marija Ilic, et.al., <u>Dynamics and Control of Large Electric Power Systems</u>, John Wiley & Sons, Inc., 2000. • Agelidis et.al, <u>Electronic Control in Electrical Power Systems (Power Engineering Series)</u>, IEEE, 2002
PREREQUISITE	-