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J. J. Grainger and W. D. Stevension, Jr., "Power System Analysis", McGraw-Hill International Edition, 1994.3. T.K. Nagsarkar and M.S. Sukhija, "Power System Analysis", Oxford University Press, 2016. Dr. Biswarup Das has obtained his Ph.D from IIT Kanpur.

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Computer-aided power systems analysis by Kusic, George L., 1935-Publication date 1986 Topics Electric power systems -- Data processing, Electric power systems -- Computer programs Publisher Englewood Cliffs, N.J. : Prentice-Hall Collection internetarchivebooks; printdisabled Contributor

"A Framework for the Analysis of Voltage Collapse in Electric Power Systems," PhD. Thesis, 1989. Chean Lung Tsay, "A Gate Turn-Off Thyristor Model for Computer Aided Circuit Design," M.S. Thesis, 1989. Jeng Chieh Chow, "On the Graphical Evaluation of the Voltage Collapse Criteria in the Power Systems," M.S. Thesis, 1989. 1988

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J. J. Grainger and W. D. Stevension, Jr., "Power System Analysis", McGraw-Hill International Edition, 1994.3. T.K. Nagsarkar and M.S. Sukhija, "Power System Analysis", Oxford University Press, 2016. The exam is optional for a fee. Date and Time of Exams: April 28 2019 (Sunday) Morning session 9am to 12 noon; Afternoon Session 2pm to 5pm.

Starting with load flow analysis, which is essentially the backbone of any power system analysis tool, this course further deals with computer algorithms for contingence analysis, state estimation and phase domain fault analysis method of any general power transmission system. Dr. Biswarup Das has obtained his Ph.D from IIT Kanpur.

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