



INDIAN INSTITUTE OF TECHNOLOGY
GUWAHATI

Control of Electrical Drives

3-0-0-6 EC580

Modeling of DC Machines,
Phase Controlled DC Motor Drives,
Chopper Controlled DC Motor Drives,
Modeling of Polyphase Induction Machines,
Phase Controlled Motor Drives,
Frequency Controlled Induction Motor Drives,
Vector Controlled Induction Motor Drives,
Permanent Magnet Synchronous and
Brushless DC Motor Drive Modeling and Control.

Texts/References:

1. R. Krishnan, Electric Motor Drives: Modeling, Analysis and Control, Prentice Hall, 2002.
2. Mohamed El-Sharkawi, Fundamentals of Electric Drive, CL-Engineering, 1st Edition, 2000.