



Industrial Drives- Power Electronics

SWAYAM Prabha Course Code – E20

PROFESSOR'S NAME	Prof. K. Gopakumar
DEPARTMENT	Electrical Engineering
INSTITUTE	Centre for Electronics Design and Technology IISc, Bangalore
COURSE OUTLINE	Besides course outline, it should also indicate if there are any pre-requisites (i.e, prior knowledge) required .
	This course deals with topics on industrial drive system. It focuses on the electric drive, a form of machine equipment designed to convert electric energy into mechanical energy and provide electrical control of this process. The course covers lessons in Converters and control, DC motor drives, Inverters and PWM techniques, and AC motor drives.

COURSE DETAILS

S. No	Module ID/ Lecture ID	Lecture Title/Topic
1	L1	Electric Drive
2	L2	Controlled Rectifier Part - I
3	L3	Controlled Rectifier Part - II (Three phase)
4	L4	Controlled Rectifier Part - III (Three phase)
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References if

Any: