

University of Pune
B. E. Electrical Engineering 2008 - Course (w.e.f. 2011)

SEMESTER - I									
Sr No	Subject code	Subject Title	Teaching Scheme		Exam. Scheme				Total Marks
			L	P	P	TW	PR	OR	
1.	403141	PLC and SCADA Applications	04	02	100	25	50	--	175
2.	403142	Power System Operation and Control	04	02	100	25	--	50	175
3.	403143	Elective – I	04	--	100	--	--	--	100
4.	403144	Elective – II	04	--	100	--	--	--	100
5.	403145	Control System – II	04	02	100	50	--	50	200
6.	403146	Project	--	02	--	--	--	--	--
			20	08	500	100	150		750

SEMESTER - II									
Sr No	Subject code	Subject Title	Teaching Scheme		Exam. Scheme				Total Marks
			L	P	P	TW	PR	OR	
1.	403147	Switchgear and Protection	04	02	100	25	--	50	175
2.	403148	Industrial Drives and Control	04	02	100	25	50	-	175
3.	403149	Elective – III	04	02	100	25	--	25	150
4.	403150	Elective – IV	04	--	100	--	--	--	100
5.	403146	Project	--	06	--	100	--	50	150
			16	12	400	175	175		750

Elective – I (403143)

- a) Robotics and Automation
- b) Power Quality
- c) Illumination Engineering
- d) Project Management

Elective – II (403144)

Restructuring and Deregulation
Embedded System
EHV Transmission
Smart Grid

Elective – III (403149)

- a) VLSI Design
- b) High Voltage Engineering
- c) Digital Signal Processing
- d) ANN and its Applications in Electrical Engineering

Elective – IV (403150)

Modelling of Electrical System
Renewable Energy System
Digital Control System
Open Elective

**Chairman,
Board of Studies
Electrical Engineering
University of Pune**