APOLLO ENGINEERING COLLEGE

CURRICULUM MAP – BE (ELECTRICAL & ELECTRONICS ENGINEERING) R 2013

STREAM	SEM1	SEM2	SEM3	SEM4	SEM5	SEM6	SEM7	SEM8
Language	Tech.eng I	Tech.eng II						
Science	Engg.phy I Engg.che I	Engg.phy II Engg.che II						
Maths	Maths I	Maths II	Transforms & partial diff eqns	Numerical methods				
General engineering **Mech/computer**	Engg graphics, fundamentals of computing	Basic civil & mech engg		Object oriented programming				
Circuits & devices		Circuit theory	Digital logic ckts, electronic devies & circuits, linear integrated Ckts		Power electronics			
Communication				Discrete time systems & signal processing	Micro processor & micro controllers	Communication engg, Embedded Systems	Microcontroller based system design	
Electrical machines			Electromagnetic theory	Electrical machines I	Electrical machines II		Special electrical machines	
Power generation					Power system analysis, power plant engineering			Electrical energy gen, utilization & conservation, Power electronics for renewable energy systems
Design						Design of electrical machines		Comp aided design of electrical apparatus
Transmission & control				Transmission & distribution	Control systems	Solid state drives, Optimization tech, Power sys operation & ctrl		
Testing & instrumentation				Measurements & instrumentation			High voltage engg, protection & switch gear, bio medical instrumentation	
Management /social studies			Environmental science				Principles of management	Professional ethics in engg