



APOLLO ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CURRICULAR MAP – BE (ELECTRONICS & COMMUNICATION ENGINEERING) R 2013

STREAM	SEM1	SEM2	SEM3	SEM4	SEM5	SEM6	SEM7	SEM8
Language	Technical English – I	Technical English – II						
Science	1.Engineering Physics – I 2.Engineering Chemistry – I	1.Engineering Physics – II 2.Engineering Chemistry – II						
Maths	Mathematics –I	Mathematics–II	Transforms and Partial Differential Equations	Probability and Random Processes				
General Engg./ Management	Engineering Graphics				Environmental Science and Engineering	Principles of Management		Total Quality Management
Hardware & /Programming	Computer Programming		Object Oriented Programming and Data Structures		Microprocessor and Microcontroller	Computer Architecture VLSI Design	Advanced Computer Architecture	
Analog and Digital Circuits		Electronic Devices Circuit Theory	1.Digital Electronics 2.Electronic Circuits- I	1.Electronic Circuits II 2.Linear Integrated Circuits				
Tele-communication				1.Communication Theory 2.Electromagnetic Fields	1.Transmission Lines and Wave Guides 2. Digital Communication	Antenna and Wave propagation	1.RF and Microwave Engineering 2.Optical Communication and Networks	Wireless Communication
Signal /Image processing			Signals and Systems		Principles of Digital Signal Processing		Digital Image Processing	
Instrumentation and Control Engineering			Electrical Engineering and Instrumentation	Control System Engineering		Medical Electronics	Embedded and Real Time Systems	
Networking						Computer Networks	Cognitive Radio	Wireless Networks Adhoc and Sensor Networks