

K.L.N. College of Information Technology, Pottapalayam.

Department of ECE

Program Curriculum:2013 Regulation

SEMESTER VIII

COURSE CODE	COURSE Title	Total Number of contact hours				Credits
		Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
EC6801	Wireless Communication	45	0	0	45	3
EC6802	Wireless Networks	45	0	0	45	3
GE6075	Professional Ethics in Engineering (Elective –V)	45	0	0	45	3
GE6757	Total Quality Management (Elective –VI)	45	0	0	45	3
EC6811	[#] Project Work	0	0	180	180	6

SEMESTER VII

COURSE CODE	COURSE Title	Total Number of contact hours				Credits
		Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
Theory						
EC6701	RF and Microwave Engineering	45	0	0	45	3
EC6702	Optical Communication and Networks	45	0	0	45	3
EC6703	Embedded and Real Time Systems	45	0	0	45	3
EC6004	Satellite Communication (Elective –II)	45	0	0	45	3
EC6009	Advanced Computer Architecture (Elective –III)	45	0	0	45	3
EC6016	Opto Electronic Devices (Elective –IV)	45	0	0	45	3
Practical						
EC6711	Embedded Laboratory	0	0	45	45	2
EC6712	Optical and Microwave Laboratory	0	0	45	45	2

SEMESTER VI

COURSE CODE	COURSE Title	Total Number of contact hours				Credits
		Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
Theory						
MG6851	Principles of Management	45	0	0	45	3
CS6303	Computer Architecture	45	0	0	45	3
CS6551	Computer Networks	45	0	0	45	3
EC6601	VLSI Design	45	0	0	45	3
EC6602	Antenna and Wave Propagation	45	0	0	45	3
EC6001	Medical Electronics (Elective –I)	45	0	0	45	3
Practical						
EC6611	Computers Networks Laboratory	0	0	45	45	2
EC6612	VLSI Design Laboratory	0	0	45	45	2
GE6674	Communication and Soft Skills- Laboratory Based	0	0	60	60	2

SEMESTER V

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
Theory						
EC6501	Digital Communication	45	0	0	45	3
EC6502	Principles of Digital Signal Processing	45	15	0	60	4
EC6503	Transmission Lines and Wave Guides	45	15	0	60	4
GE6351	Environmental Science and engineering	45	0	0	45	3
EC6504	Microprocessor and Microcontroller	45	0	0	45	3
Practical						
EC6511	Digital Signal Processing Laboratory	0	0	45	45	2
EC6512	Communication System Laboratory	0	0	45	45	2
EC6513	Microprocessor and Microcontroller Laboratory	0	0	45	45	2

SEMESTER IV

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
Theory						
MA6451	Probability and Random Processes	45	15	0	60	4
EC6401	Electronic Circuits-II	45	0	0	45	3
EC6402	Communication Theory	45	0	0	45	3
EC6403	Electromagnetic Fields	45	15	0	60	4
EC6404	Linear integrated Circuits	45	0	0	45	3
EC6405	Control System Engineering	45	0	0	45	3
Practical						
EC6411	Circuit and Simulation Integrated Laboratory	0	0	45	45	2
EC6412	Linear Integrated Circuits Laboratory	0	0	45	45	2
EE6461	Electrical Engineering and Control System Laboratory	0	0	45	45	2

SEMESTER III

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
Theory						
MA6351	Transforms and Partial Equations	45	15	0	60	4
EE6352	Electrical Engineering and Instrumentation	45	15	0	60	4
EC6301	Object Oriented Programming and Data Structures	45	0	0	45	3
EC6302	Digital Electronics	45	0	0	45	3
EC6303	Signals and Systems	45	15	0	60	4
EC6304	Electronic Circuits-I	45	15	0	60	4
Practical						
EC6311	Analog and Digital Circuits Laboratory	0	0	45	45	2
EC6312	OOPS and Data Structures Laboratory	0	0	45	45	2

SEMESTER II

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
Theory						
HS6251	Technical English-II	45	15	0	60	4
MA6251	Mathematics-II	45	15	0	60	4
PH6251	Engineering physics-II	45	0	0	45	3
CY6251	Engineering Chemistry-II	45	0	0	45	3
EC6201	Electronic Devices	45	0	0	45	3
EE6201	Circuit Theory	45	15	0	60	4
Practical						
EC6211	Circuit and Devices Laboratory	0	0	45	45	1
GE6262	Physics and Chemistry Laboratory-II	0	0	30	30	1

SEMESTER I

Course Code	Course Title	Total Number of contact hours				Credits
		Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
Theory						
HS6151	Technical English-I	45	15	0	60	4
MA6151	Mathematics-I	45	15	0	60	4
PH6151	Engineering physics-I	45	0	0	45	3
CY6151	Engineering Chemistry-I	45	0	0	45	3
GE6151	Computer Programming	45	0	0	45	3
GE6152	Engineering Graphics	30	0	45	75	4
Practical						
GE6161	Computer Practices Laboratory	0	0	45	45	2
GE6162	Engineering practices Laboratory	0	0	45	45	2
GE6163	Physics and Chemistry Laboratory-I	0	0	30	30	1