Scheme- 2018

Third Semester

Category	Course Code	Course Name	Subject Type (Theory / Practical)	Load Allocation			Marks Distribution		Total Marks	Credits
				L	T	P	Internal	External		
Professional Core courses	PCIT-101	Data Structures	Theory	3	0	0	40	60	100	3
Professional Core courses	PCIT-102	Object Oriented Programming Using C++	Theory	3	0	0	40	60	100	3
Engineering Science Courses	ESIT-101	Digital Circuits and Logic Design	Theory	3	0	0	40	60	100	3
Professional Core courses	PCIT-103	Data Communication and Computer Networks	Theory	3	0	0	40	60	100	3
Humanities and Social Sciences including Management Courses	HSMIT-101	Professional Practice, Laws and Ethics for IT Engineers	Theory	3	0	0	40	60	100	3
Professional Core courses	LPCIT-101	Data Structures Laboratory	Practical	0	0	2	30	20	50	1
Professional Core courses	LPCIT-102	Object Oriented Programming using C++ Laboratory	Practical	0	0	2	30	20	50	1
Professional Core courses	LPCIT-103	Data Communication and Computer Networks Laboratory	Practical	0	0	2	30	20	50	1
Engineering Science courses	LESIT-101	Digital Circuits and Logic Design Laboratory	Practical	0	0	2	30	20	50	1
Training*	TR-101	Training-I	Practical	0	0	0	60	40	100	1
Mandatory Courses$	MCIT-101	Environmental Sciences	Theory	2	0	0	50	0	50	0
Seminar	PRIT-101	Seminar and Technical Writing for Engineers	Practical	0	0	2	50	0	50	1
Total				**17**	**0**	**10**	**480**	**420**	**900**	**21**
			Contact Hours= 27+1#							

***** Industrial /Institutional Training will be imparted at the end of 2nd semester in the institute or students can go to industry for four weeks

There will be one period per week for Mentoring and Professional Development; final evaluation of this course will be done based on the combined assessment of odd and even semester of respective year of study**.**

$ The minimum criteria for passing Non Credit course is securing 40% marks in internal exams.

Scheme- 2018

Fourth Semester

Category	Course Code	Course Name	Subject Type (Theory /Practical)	Load Allocation			Marks Distribution		Total Marks	Credits
				L	T	P	Internal	External		
Basic Science Courses	BSIT-101	Probability and Statistics	Theory	3	0	0	40	60	100	3
Professional Core courses	PCIT-104	Database Management System	Theory	3	0	0	40	60	100	3
Professional Core courses	PCIT-105	Python Programming	Theory	3	0	0	40	60	100	3
Professional Core courses	PCIT-106	Operating System	Theory	3	0	0	40	60	100	3
Professional Core courses	PCIT-107	Web Technologies	Theory	3	0	0	40	60	100	3
Professional Core courses	PCIT-108	Computer Architecture and Microprocessors	Theory	3	0	0	40	60	100	3
Professional Core courses	LPCIT-104	Database Management system Laboratory	Practical	0	0	2	30	20	50	1
Professional Core courses	LPCIT-105	Python Programming Laboratory	Practical	0	0	2	30	20	50	1
Professional Core courses	LPCIT-106	Operating System and Microprocessors Laboratory	Practical	0	0	2	30	20	50	1
Professional Core courses	LPCIT-107	Web Technologies Laboratory	Practical	0	0	2	30	20	50	1
Mandatory courses	MPD-102	Mentoring and Professional Development	Practical	0	0	1	100	0	100	1
Total				**18**	**0**	**9**	**460**	**440**	**900**	**23**
				Contact Hours= 27						