

GITAM UNIVERSITY

(Declared as Deemed to be University U/S 3 of UGC Act, 1956)



Scheme of Instruction
of
M.Tech. (Evening)
(Computer Science & Technology)
(w.e.f 2008 -09 admitted batch)

Gandhi Nagar Campus, Rushikonda
VISAKHAPATNAM - 530 045
Website: www.gitam.edu

M.Tech. (Evening) (CST)
Programme Course Code: EPECS200700
I SEMESTER

Course Code	Name of the Course	Instruction hours per week				Maximum Marks			Credits
		L	T	P	Total	C	S	Total	
EPECS101	Theory of Computation	3	1	-	4	40	60	100	4
EPECS102	Computer Organization	3	1	-	4	40	60	100	4
EPECS103	Digital Logic Circuits	2	1	-	3	40	60	100	3
EPECS104	Discrete Mathematics	3	1	-	4	40	60	100	4
EPECS111	Computer Organization Lab	-	-	3	3	100	--	100	2
EPECS112	C programming Lab	1	-	2	3	100	--	100	3
Total:									20

SECOND SEMESTER

Course Code	Name of the Course	Instruction hours per week				Maximum Marks			Credits
		L	T	P	Total	C	S	Total	
EPECS201	Language Processors	3	1	-	4	40	60	100	4
EPECS202	Operating System	3	-	-	3	40	60	100	3
EPECS203	Data Structures with C++	3	1	-	4	40	60	100	4
EPECS204	Database Management System	2	1	-	3	40	60	100	3
EPECS211	Data Structures Lab	-	-	3	3	100	--	100	2
EPECS212	Database Management System Lab	-	-	3	3	100	--	100	2
Total:									18

L – Lectures T – Tutorials D – Drawing P – Practicals C –Continuous Evaluation S – Semester End Examination

M.Tech. (Evening) (CST)
THIRD SEMESTER

Course Code	Name of the Course	Instruction hours per week				Maximum Marks			Credits
		L	T	P	Total	C	S	Total	
EPECS301	Software Engineering	3	1	-	4	40	60	100	4
EPECS302	Computer Networks	3	-	-	3	40	60	100	3
Elective -I		2	1	-	3	40	60	100	3
EPECS321	a) Data Warehousing and Data Mining								
EPECS322	b) Embedded Systems								
EPECS323	c) Internet Technologies								
EPECS302	Object Oriented Analysis and Design	3	1	-	4	40	60	100	4
EPECS311	Computer Networks Lab	-	-	3	3	100	--	100	2
EPECS312	Object Oriented Analysis and Design Lab	-	-	3	3	100	--	100	2
Total:									18

FOURTH SEMESTER

Course Code	Name of the Course	Instruction hours per week				Maximum Marks			Credits
		L	T	P	Total	C	S	Total	
EPECS411	Project	-	-	24	-	50	50	100	12
EPECS412	Seminars	-	-	-	-	100	--	100	2
Total:									14

Total Credits: 70