

# FOURTH YEAR B.TECH

## COMPUTER SCIENCE & ENGINEERING

SEVENTH SEMESTER				EIGHTH SEMESTER			
Theory		Contact Hrs.		Theory		Contact Hrs.	
Course Code	Subject	L . T . P	CR	Course Code	Subject	L. T. P	CR
BCS 401	Computer Graphics & Multimedia	3 - 0 - 0	3	BCS 411	Advanced Computer Architecture & Parallel Processing	3 - 0 - 0	3
BCS 402	Modeling and Simulation	3 - 1 - 0	4	BIT 304	Internet & Web Tech-I	3 - 0 - 0	3
BCS 403	Introduction to VLSI Design	3 - 1 - 0	4		<b>Elective – III &amp; IV</b>		
	<b>Elective - I</b>			BIT 413	Information Security		
BCS 404	Artificial Intelligence	3 - 1 - 0	4	BEC 307	Advanced Microprocessor and Embedded System	3 - 0 - 0	3
BCS 405	Data Mining & Data Ware Housing			BIT 414	Bio-Informatics		
				BIT 418	Internet and Web Tech-II		
BCS 406	Advanced Operating System			BCS 416	Mobile Computing		
				BCS 417	Distributed Computing		
BEC 419	Image Processing & Pattern Recognition			BMS 302	Production & Operation Management		
BEE 311	Control System Engg .I			BCS 428	Knowledge Management		
BME 401	Operation Research						
	<b>Elective-II</b>			BHU 401	Human Resource Management	3 – 0 - 0	3
BCS 422	Soft Computing	3 - 0 - 0	3				
BEC 304	Digital Signal Processing						
BCS 407	Visual Programming						
BCS 408	Principles of Prog.Language						
BIT 419	E-Commerce & Cyber Laws						
BCS 410	Tech. Management						
<b>Sessionals</b>				<b>Sessionals</b>			
BCS 491	Computer Graphics Lab.	0 - 0 - 3	2	BCS 495	Comprehensive Viva Voce	0 - 0 - 3	2
BCS 492	Simulation Lab.	0 - 0 - 3	2	BCS 496	Seminar	0 - 0 - 3	2
BCS 493	Practical Training Seminar	0 - 0 - 3	2	BCS 497	Major Project	0 - 0 - 3	6
BCS 494	Minor Project	0 - 0 - 3	2				
	<b>Total</b>	<b>15-3-12</b>	<b>26</b>		<b>Total</b>	<b>12-0-15</b>	<b>22</b>