

# 4-YEAR B. TECH. IN COMPUTER SCIENCE & ENGINEERING

VIII SEMESTER B. TECH - CSE					
Course No.	Name of the Courses	L	T	P	Credit Hrs.
CSC18101	VLSI Design	3	1	0	7
CSC18102	Information and Coding Theory	3	1	0	7
CSE181xx	Elective – III	3	1	0	7
CSE181xx	Elective – IV	3	1	0	7
CSC18201	VLSI Design Lab	0	0	3	3
CSC18202	Information and Coding Theory Lab	0	0	3	3
CSC18801	Project	0	0	6	6
CSC18502	Composite Viva Voce	0	0	0	4
<b>Total</b>		<b>12</b>	<b>4</b>	<b>9</b>	<b>44</b>
<b>Contact Hrs</b>					<b>25</b>

CSE18109	INTERNET TECHNOLOGY	3-1-0
<p><b>Introduction to Internet:</b> Internet Architecture, Evolution and Internet Network Architecture, OSI Reference Model, TCP/IP</p> <p><b>Internet Protocols:</b> Introduction to IPv4 and IPv6, Need of Internet Protocols, Addressing Scheme, Subnet Masking, ICMP</p> <p><b>Transport Layer Protocol:</b> TCP, UDP</p> <p><b>Internet Routing Protocols:</b> RIP, OSPF, BGP</p> <p><b>Other Protocols:</b> ARP, RARP, BOOTP, DHCP, DNS</p> <p><b>Mail Server &amp; E-mail Protocol:</b> SMTP, MIME, POP</p> <p><b>HTML Web Tools:</b> Introduction to HTTP, HTTP Transaction, HTTP Request and Response Message, Introduction to WWW, Browser Architecture, HTML Page Creation (Static and Dynamic)</p> <p><b>Client-Server Approach:</b> Client-Server Model, Socket Interface</p> <p><b>Introduction to JAVA Programming:</b> Introduction to JAVA, Features of JAVA, Difference between Application and Applets, Creation and Compilation of Application and Applets</p> <p><b>Voice &amp; Multimedia over IP:</b> Introduction to Real-Time Traffic, VoIP</p> <p><b>Mobile IP:</b> Introduction and Need of MIP, Agent Discovery, Registration, Data Transfer, Inefficiency in MIP</p>		