

VELS UNIVERSITY					
SCHOOL OF ENGINEERING					
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING					
Sl.No.	TITLE OF THE PAPER	EXAM HOURS	INTERNAL MARK	UNIVERSITY MARK	CREDIT
FIRST SEMESTER					
1	Technical English -1	3	25	75	4
2	Mathematics -1	3	25	75	4
3	Engineering Physics-1	3	25	75	3
4	Engineering Chemistry-1	3	25	75	3
5	Basic Civil and Mechanical Engineering	3	25	75	4
6	Fundamentals of Computing and Prog.	3	25	75	3
7	Computer Practice Laboratory	0	25	75	2
8	Physics & Chemistry Laboratory	0	25	75	2
TOTAL NO OF CREDITS					25
SECOND SEMESTER					
1	Technical English -II	3	25	75	4
2	Mathematics -II	3	25	75	4
3	Engineering Physics-II	3	25	75	3
4	Engineering Chemistry-II	3	25	75	3
5	Electronic Circuits and Electron Devices	3	25	75	4
6	Engineering Graphics	3	25	75	5
7	Circuits & Devices Laboratory	3	25	75	2
8	Engineering Practices Laboratory	3	25	75	2
TOTAL NO OF CREDITS					27
THIRD SEMESTER					
1	Mathematics III	3	25	75	4
2	Data Structures	3	25	75	4
3	Digital Principles and System Design	3	25	75	4
4	Computer Architecture	3	25	75	3
5	Object Oriented Programming	3	25	75	3
6	Environmental Science and Engg.	3	25	75	3
7	Object Oriented Programming Lab.	3	25	75	2
8	Data Structures Laboratory	3	25	75	2
9	Digital Laboratory	3	25	75	2
TOTAL NO OF CREDITS					27

FOURTH SEMESTER					
1	Probability and Queuing Theory	3	25	75	4
2	Design and Analysis of Algorithm	3	25	75	4
3	Computer Systems Engineering	3	25	75	4
4	System Software	3	25	75	3
5	Microprocessor & Microcontrollers	3	25	75	4
6	Human Computer Interaction	3	25	75	4
7	System Software Lab	3	25	75	2
8	Microprocessor and Microcontroller Lab	3	25	75	2
9	Communcation lab	3	25	75	2
TOTAL NO OF CREDITS					29
FIFTH SEMESTER					
1	Numerical Methods	3	25	75	4
2	Database Management Systems	3	25	75	3
3	Computer Networks	3	25	75	4
4	Operating Systems	3	25	75	4
5	Elective -I	3	25	75	3
6	Elective -II	3	25	75	3
7	Network Lab	3	25	75	3
8	Operating Systems Lab	3	25	75	3
9	DBMS Lab	3	25	75	3
TOTAL NO OF CREDITS					30
SIXTH SEMESTER					
1	Human Resource Management	3	25	75	4
2	Principles of Compiler Design	3	25	75	3
3	Software Engineering	3	25	75	4
4	Graphics and Multimedia	3	25	75	4
5	Elective III	3	25	75	3
6	Elective IV	3	25	75	3
7	Graphics and Multimedia Lab	3	25	75	2
8	Compiler Design Lab	3	25	75	2
TOTAL NO OF CREDITS					25

SEVENTH SEMESTER

1	Distributed Computing	3	25	75	3
2	Internet Programming	3	25	75	3
3	Object Oriented Analysis and Design	3	25	75	4
4	Elective -V	3	25	75	4
5	Elective -VI	3	25	75	4
6	Elective -VII	3	25	75	4
7	Case Tools Lab	3	25	75	2
8	Internet Programming Lab	3	25	75	2
TOTAL NO OF CREDITS					26

EIGHTH SEMESTER

1	Project Work	3	25	75	13
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