

VELS UNIVERSITY					
SCHOOL OF ENGINEERING					
DEPARTMENT OF MECHANICAL 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	Engineering Graphics	3	25	75	4
6	Fundamentals of Computing and Prog.	3	25	75	3
7	Computer Practice Laboratory	3	25	75	2
8	Engineering Practices Laboratory	3	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	Basic Electrical and Electronics Engineering	3	25	75	4
6	Engineering Mechanics	3	25	75	5
7	Physics & Chemistry Laboratory	3	25	75	2
8	CAD/CAM Lab	3	25	75	2
TOTAL NO OF CREDITS					27
THIRD SEMESTER					
1	Transforms and Partial Differential Equation	3	25	75	4
2	Manufacturing Technology I	3	25	75	4
3	Engineering Thermodynamics	3	25	75	4
4	Kinematics of Machinery	3	25	75	3
5	Fluid Mechanics and Machinery	3	25	75	4
6	Electrical Drives and Control	3	25	75	4
7	Manufacturing Technology Lab I	3	25	75	2
8	Fluid Mechanics and Machinery Laboratory	3	25	75	2
9	Electrical Engineering Laboratory	3	25	75	2
TOTAL NO OF CREDITS					29

FOURTH SEMESTER

1	Statistics and Numerical Methods	3	25	75	4
2	Heat and Mass Transfer	3	25	75	4
3	Manufacturing Technology - II	3	25	75	4
4	Engineering Materials and Metallurgy	3	25	75	3
5	Strength of Materials	3	25	75	4
6	Electronics and Microprocessors	3	25	75	4
7	Manufacturing Technology Lab - II	3	25	75	2
8	Strength of Materials Lab	3	25	75	2
9	Computer Aided Machine Drawing Lab.	3	25	75	2
TOTAL NO OF CREDITS					29