

S.No	Semester	Module	Professor	Credits
1	1-1	Mathematics and Computational Methods	Dr. Ravichandran	5
2	1-2	Solid Mechanics	Dr. Suresh Nagesh	5
3	1-2	Finite Element Methods	Dr. K S Venkatesha	5
4	2-1	Materials and Material Models	Dr. Suresh Nagesh	5
5	2-1	Computational Dynamics	Dr. Ravichandran	5
6	2-1	Project Work	Few students under each of above listed professors	5
7	2-2	Geometrically Nonlinear and Contact Analysis	Dr. Suresh Nagesh	5
8	2-2	Elective Module-1	Refer rows below	5
9	3-1	Elective Module-2	Refer rows below	5
10	3-1,3-2	Master Thesis	Few students under each of above listed professors	30
Elective courses				
1	2-2/3-1	Fatigue and Fracture	Dr. SN / Dr. KS Venkatesha	
2	2-2/3-1	Multibody Systems	Prof. Patil	
3	2-2/3-1	Computational Fluid Dynamics	Dr. Ravichandran	
Support from Foreign professors				
1	2-2/3-1	Multi-physics simulations	ETD	
2	2-2/3-1	Robust Design Optimization	ETD	