

**Department of Computer Science
Rollwala Computer Centre
Gujarat University**

**Structure and Scheme
M. Tech (Web Technologies)**

Semester-I

Sr. No.	Subject	External	Practical	Internal	Term work	Total
1	Design and Analysis of Algorithms	100	--	25	25	150
2	Distributed Computing & Applications	100	50	25	25	200
3	Communication and Research Skills	50	---	25	25	100
4	Information Security	100	---	25	25	150
5	Web Application Development –I	100	50	25	25	200
Total		450	100	125	125	800

Semester-II

Sr. No.	Subject	External	Practical	Internal	Term work	Total
1	Web Security	100	--	25	25	150
2	High performance Computing	100	--	25	25	150
3	Web Application Development -II	100	50	25	25	200
4	Web Server management	100	50	25	25	200
Total		400	100	100	100	700

Semester-III

S. No.	Subject	External / viva-voce	Practical	Internal	Term work	Total
1	Service Oriented Architecture	100	----	25	25	150
2	Elective	100	----	25	25	150
3	Literature survey review	100	----	50	50	200
4	Dissertation Phase-I	200	----	50	50	300
Total		500	----	150	150	800

Elective : M.Tech. (Web Technologies)

- (1) Web Intelligence and Usability
- (2) Web data & Knowledge Management
- (3) Social Media App development

Semester-IV

S. No.	Subject	External	Internal	Term work	Total
1	Dissertation phase-II	400	150	150	700