

BVM Engineering College (An Autonomous Institution)
Computer Engineering Department
M. Tech. Computer Engineering (Software Engineering)

Semester 1

Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	501CP	Applied Mathematics For Computer Engineering	3	1	0	4	4
2	502CP	Advanced Data Structures and Algorithms	4	0	2	6	5
3	503CP	Parallel and Distributed Computing	4	0	2	6	5
4	504CP	Advanced Programming Laboratory	0	0	2	2	1
5		Program Elective – I	3	0	2	5	4
6		Program Elective – II	3	0	2	5	4
Total			17	1	10	28	23

Semester 2

Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	505CP	Cloud Computing	3	0	2	5	4
2	506CP	Machine Learning	3	0	2	5	4
3	507CP	Research Methodology	0	2	0	2	2
4	531CP	Mini Project	0	0	2	2	1
5		Program Elective – III	3	0	2	5	4
6		Program Elective – IV	3	0	2	5	4
7		Program Elective – V	3	0	2	5	4
Total			15	2	12	29	23

Semester 3

Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	631CP	Dissertation – I	0	0	30	30	15
Total			0	0	30	30	15

Semester 4

Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	632CP	Dissertation – II	0	0	30	30	15
Total			0	0	30	30	15
Total Credits Distributions			32	3	82	117	76

Program Elective – I, II, III, IV & V

1	541CP	Digital Signal Processing	3	0	2	5	4
2	542CP	Advance Operating Systems	3	0	2	5	4
3	543CP	Neural Networks and Fuzzy Logic	3	0	2	5	4
4	544CP	Embedded and Real time Systems	3	0	2	5	4
5	545CP	Software Engineering Methodologies	3	0	2	5	4
6	546CP	Advanced Internet Technologies	3	0	2	5	4
7	547CP	Digital Image Processing	3	0	2	5	4
8	548CP	Cryptography and Information Security	3	0	2	5	4
9	549CP	Distributed Operating Systems	3	0	2	5	4
10	550CP	VLSI Design	3	0	2	5	4
11	551CP	High Performance Computing	3	0	2	5	4
12	552CP	Big Data Technologies	3	0	2	5	4
13	553CP	Advance Compiler Design	3	0	2	5	4
14	554CP	Data Warehouse and Mining	3	0	2	5	4
15	555CP	Service Oriented Computing	3	0	2	5	4
16	556CP	Artificial Intelligence	3	0	2	5	4
17	557CP	Advance Computer Networks	3	0	2	5	4
18	558CP	Internet of Things	3	0	2	5	4