MVJ College of Engineering, Whitefield, Bangalore

An Autonomous Institution, Affiliated to VTU, Belagavi
Scheme of Teaching and Examination 2021-21
Outcome Based Education (OBE) and Choice Based Credit System (CBCS)
Effective from the academic year 2020-21

I SEMESTER B.E. (CHEMISTRY GROUP)

S. No	Course		Course Title	Teaching Department	Teaching hours/week				Examination				Credits
	Type	Code			Theory Lecture	Tutorial	Practical/Drawing	Self-Study Component	Duration in Hours	CIE Marks	SEE Marks	Total marks	
					L	T	P	S					
1	BSC	MVJ20MAT11	Calculus and Linear Algebra with Python	Mathematics	3	1	1		5	50	50	100	4
2	BSC	MVJ20CHE12	Engineering Chemistry	Chemistry	2	2	0		4	50	50	100	4
3	ESC	MVJ20CS13	C Programming for Problem Solving	Computer Science & Engineering	2	2	0		4	50	50	100	3
4	ESC	MVJ20EC14	Basic Electronics	Electronics & Communication Engineering	2	2	0		4	50	50	100	3
5	ESC	MVJ20ME15	Elements of Mechanical Engineering	Mechanical Engineering	2	2	0		4	50	50	100	3
6	BSC	MVJ20CHEL16	Engineering Chemistry Lab	Chemistry	0	0	2		2	50	50	100	1
7	ESC	MVJ20CSL17	C Programming Lab	Computer Science & Engineering	0	0	2		2	50	50	100	1
8	HSMC	MVJ20EGH18	Business Correspondence - I	Humanities	1	0	0		1	50	50	100	1
				Total	12	10	4		24	400	400	800	20

Note: BSC: Basic Science, ESC: Engineering Science, HSMC: Humanity and Social Science, AEC: Ability Enhancement Course

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II SEMESTER B.E. (CHEMISTRY GROUP)

S. No	Course		Course Title	Teaching Department	Teaching hours/week				Examination					Credits
	Type	Code			Theory Lecture	Tutorial	Practical/Drawing	Self-Study Component	Duration in Hours	CIE Marks	SEE Marks	Total marks	
					L	T	P	S					
1	BSC	MVJ20MAT21	Advanced Calculus and Numerical Methods with Python	Mathematics	3	1	1		5	50	50	100	4
2	BSC	MVJ20CHE22	Engineering Chemistry	Chemistry	2	2	0		4	50	50	100	4
3	ESC	MVJ20CS23	C Programming for Problem Solving	Computer Science & Engineering	2	2	0		4	50	50	100	3
4	ESC	MVJ20EC24	Basic Electronics	Electronics & Communication Engineering	2	2	0		4	50	50	100	3
5	ESC	MVJ20ME25	Elements of Mechanical Engineering	Mechanical Engineering	2	2	0		4	50	50	100	3
6	BSC	MVJ20CHEL26	Engineering Chemistry Lab	Chemistry	0	0	2		2	50	50	100	1
7	ESC	MVJ20CSL27	C Programming Lab	Computer Science & Engineering	0	0	2		2	50	50	100	1
8	HSMC	MVJ20EGH28	Professional Writing -II	Humanities	1	0	0		1	50	50	100	1
				Total	12	10	4		24	400	400	800	20

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