

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

Scheme of Teaching and Examination 2018 – 19 Outcome Based Education(OBE) and Choice Based Credit System (CBCS) (Effective from the academic year 2018 – 19)

I SEMESTER B.E./B-Tech (PHYSICS GROUP)													
Sl. No	Course and Course Code	Course Title	Teaching Department	Paper Setting Board	Teaching Hours /Week			Examination				Credits	
					Theory	Tuterial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks		
													L
1	BSC 18MAT11	Calculus and Linear Algebra	Mathematics	Maths	3	2	--	03	40	60	100	4	
2	BSC 18PHY12	Engineering Physics	Physics	Physics	3	2	--	03	40	60	100	4	
3	ESC 18ELE13	Basic Electrical Engineering	E and E Engineering	E and E Engineering	2	2	--	03	40	60	100	3	
4	ESC 18CIV14	Elements of Civil Engineering and Mechanics	Civil Engineering	Civil Engineering	2	2	--	03	40	60	100	3	
5	ESC 18EGDL15	Engineering Graphics	ME, Auto, IP, IEM, Mfg Engineering	Mechanical Engineering	2	--	2	03	40	60	100	3	
6	BSC 18PHYL16	Engineering Physics Laboratory	Physics	Physics	--	--	2	03	40	60	100	1	
7	ESC 18ELEL17	Basic Electrical Engineering Laboratory	E and E Engineering	E and E Engineering	--	--	2	03	40	60	100	1	
8	HSMC 18EGH18	Technical English-I	Humanities	Humanities	--	2	--	03	40	60	100	1	
					TOTAL	12	10	06	24	320	480	800	20
Note: BSC: Basic Science Courses, ESC: Engineering Science Courses, HSMC: Humanity, Social Science and Management Courses.													
Definition of Credit: 1 hour Lecture (L) per week per semester = 1 Credit 2 hour Tutorial (T) per week per semester = 1 Credit 2 hour Practical/Laboratory/Drawing (P) per week per semester = 1 Credit.													

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					Theory Lecture	Tutorial	Practical/Drawing		CIE Marks	SEE Marks		Total Marks
1	BSC 18MAT11	Calculus and Linear Algebra	Mathematics	Mathematics	3	2	--	03	40	60	100	4
2	BSC 18CHE12	Engineering Chemistry C Programming for Problem Solving	Chemistry	Chemistry	3	2	--	03	40	60	100	4
3	ESC 18CPS13	Computer Science and Engineering	Computer Science and Engineering	Computer Science and Engineering	2	2	--	03	40	60	100	3
4	ESC 18ELN14	Basic Electronics	ECE/E and I/TC	ECE/E and I/TC	2	2	--	03	40	60	100	3
5	ESC 18ME15	Elements of Mechanical Engineering	ME, Auto, IP, IEM, Mfg Engineering	Mechanical Engineering	2	2	--	03	40	60	100	3
6	BSC 18CHEL16	Engineering Chemistry Laboratory	Chemistry	Chemistry	--	--	2	03	40	60	100	1
7	ESC 18CPL17	C Programming Laboratory	Computer Science and Engineering	Computer Science and Engineering	--	--	2	03	40	60	100	1
8	HSMC 18EGH18	Technical English-I	Humanities	Humanities	--	2	--	03	40	60	100	1
TOTAL					12	12	04	24	320	480	800	20
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					Theory	Tutorial	Practical/Drawing	Duration in hours	CIE Marks	SEE Marks		Total Marks	
					L	T	P						
1	BSC	18MAT21	Advanced Calculus and Numerical Methods	Mathematics	Mathematics	3	2	--	03	40	60	100	4
2	BSC	18PHY22	Engineering Physics	Physics	Physics	3	2	--	03	40	60	100	4
3	ESC	18ELE23	Basic Electrical Engineering	E and E Engineering	E and E Engineering	2	2	--	03	40	60	100	3
4	ESC	18CIV24	Elements of Civil Engineering and Mechanics	Civil Engineering	Civil Engineering	2	2	--	03	40	60	100	3
5	ESC	18EGDL25	Engineering Graphics	ME, Auto, IP, IEM, Mfg Engineering	Mechanical Engineering	2	--	2	03	40	60	100	3
6	BSC	18PHYL26	Engineering Physics Laboratory	Physics	Physics	--	--	2	03	40	60	100	1
7	ESC	18ELEL27	Basic Electrical Engineering Laboratory	E and E Engineering	E and E Engineering	--	--	2	03	40	60	100	1
8	HSMC	18EGH28	Technical English– II	Humanities	Humanities	--	2	--	03	40	60	100	1
TOTAL					12	10	06	24	320	480	800	20	
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1	BSC 18MAT21	Advanced Calculus and Numerical Methods	Mathematics		L	T	P	3	2	--	03	40	60	100	4
2	BSC 18CHE22	Engineering Chemistry	Chemistry		3	2	--	3	2	--	03	40	60	100	4
3	ESC 18CPS23	C Programming for Problem Solving	Computer Science and Engineering	Computer Science and Engineering	2	2	--	2	2	--	03	40	60	100	3
4	ESC 18ELN24	Basic Electronics	ECE/E and I/ TC	E and C Engineering	2	2	--	2	2	--	03	40	60	100	3
5	ESC 18ME25	Elements of Mechanical Engineering	ME, Auto, IP, IEM, Mfg Engineering	Mechanical Engineering	2	2	--	2	2	--	03	40	60	100	3
6	BSC 18CHEL26	Engineering Chemistry Laboratory	Chemistry	Chemistry	--	--	2	--	--	2	03	40	60	100	1
7	ESC 18CPL27	C Programming Laboratory	Computer Science and Engineering	Computer Science and Engineering	--	--	2	--	--	2	03	40	60	100	1
8	HSMC 18EGH28	Technical English– II	Humanities	Humanities	--	2	--	--	2	--	03	40	60	100	1
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