

Bangalore University  
**UNIVERSITY VISVESVARAYA COLLEGE OF  
ENGINEERING**  
K R Circle, Bengaluru – 560 001

Scheme of Teaching and Examination for  
I Semester and II Semester B. Tech.  
(Common to all programmes except B.Arch.)

Bangalore University  
University Visvesvaraya College of Engineering, Bengaluru  
Scheme of Teaching and Examination for I Semester B.Tech.

**Choice Based Credit System - Physics Cycle**

Programmes: B.Tech. – 1. Electronics & Communication Engineering    2. Electrical and Electronics Engineering  
3. Computer Science and Engineering

Sl. No.	Course Code	Title	Teaching Department	Hours/Week				Total hr/week	CIE Marks	*SEE Marks	Credits
				L	T	P	SS				
1	18BSEM101	Engineering Mathematics -I	Mathematics	2	2	0	0	4	50	50	3
2	18BSEP102	Engineering Physics - Theory	Physics	2	2	0	0	4	50	50	3
3	18BSEP103	Engineering Physics - Practical	Physics	0	0	3	0	3	50	50	1.5
4	18ESME104	Workshop & Manufacturing Practices	Mechanical	1	0	4	0	5	50**	50	3
5	18ESEE105	Basic Electrical Engineering - Theory	Electrical	2	2	0	0	4	50	50	3
6	18ESEE106	Basic Electrical Engineering- Practical	Electrical	0	0	3	0	3	50	50	1.5
7	18ESEC107	Basic Electronics	ECE	2	2	0	0	4	50	50	3
8	18HSPE108	Professional English	English	2	0	2	0	4	50	50	3
9	18MCIP109	Induction Program	College	1 week				50	--	1	
Total				12	8	12	0	31	450	400	22
Total Marks				850							

\* SEE shall be conducted for 100 marks and the marks obtained is to be reduced for 50 marks.

\*\* CIE for 18ESME104 shall be conducted for 100 marks and the marks obtained is to be reduced for 50 marks.

Bangalore University  
University Visvesvaraya College of Engineering, Bengaluru  
Scheme of Teaching and Examination for II Semester B.Tech.

**Choice Based Credit System - Chemistry Cycle**

Programmes: B.Tech. – 1. Electronics & Communication Engineering 2. Electrical and Electronics Engineering  
3. Computer Science and Engineering

Sl. No.	Course Code	Title	Teaching Department	Hours/Week				Total hr/week	CIE Marks	*SEE Marks	Credits
				L	T	P	SS				
1	18BSEM201	Engineering Mathematics –II	Mathematics	2	2	0	0	4	50	50	3
2	18BSCH110	Engineering Chemistry-Theory	Chemistry	2	2	0	0	4	50	50	3
3	18BSCH111	Engineering Chemistry - Practical	Chemistry	0	0	3	0	3	50	50	1.5
4	18ESME112	Engineering Graphics & Design	Mechanical	2	0	4	0	6	50	50	4
5	18ESCV113	Engineering Mechanics	Civil	2	2	0	0	4	50	50	3
6	18ESCS114	Programming for Problem Solving - Theory	Computer Science	2	2	0	0	4	50	50	3
7	18ESCS115	Programming for Problem Solving - Practical	Computer Science	0	0	3	0	3	50	50	1.5
8	18MCKN116	Kannada	Kannada	1	0	0	0	1	50	--	1
Total				11	8	10	0	29	400	350	20
Total Marks				750							

\* SEE shall be conducted for 100 marks and the marks obtained is to be reduced for 50 marks.

Bangalore University  
University Visvesvaraya College of Engineering, Bengaluru  
Scheme of Teaching and Examination for I Semester B.Tech.

**Choice Based Credit System-Chemistry Cycle**

Programmes: B.Tech. – 1. Civil Engineering 2. Mechanical Engineering 3. Information Science and Engineering

Sl. No.	Course Code	Title	Teaching Department	Hours/Week				Total hr/week	CIE Marks	*SEE Marks	Credits
				L	T	P	SS				
1	18BSEM101	Engineering Mathematics -I	Mathematics	2	2	0	0	4	50	50	3
2	18BSCH110	Engineering Chemistry - Theory	Chemistry	2	2	0	0	4	50	50	3
3	18BSCH111	Engineering Chemistry - Practical	Chemistry	0	0	3	0	3	50	50	1.5
4	18ESME112	Engineering Graphics & Design	Mechanical	2	0	4	0	6	50	50	4
5	18ESCV113	Engineering Mechanics	Civil	2	2	0	0	4	50	50	3
6	18ESCS114	Programming for Problem Solving - Theory	Computer Science	2	2	0	0	4	50	50	3
7	18ESCS115	Programming for Problem Solving - Practical	Computer Science	0	0	3	0	3	50	50	1.5
8	18MCKN116	Kannada	Kannada	1	0	0	0	1	50	--	1
9	18MCIP109	Induction Program	College	1 week					50	--	1
Total				12	8	10	0	29	450	350	21
Total Marks				800							

\* SEE shall be conducted for 100 marks and the marks obtained is to be reduced for 50 marks.

Bangalore University  
University Visvesvaraya College of Engineering, Bengaluru  
Scheme of Teaching and Examination for II Semester B.Tech.  
**Choice Based Credit System - Physics Cycle**

Programmes: B.Tech. – 1. Civil Engineering 2. Mechanical Engineering 3. Information Science & Engineering

Sl. No.	Course Code	Title	Teaching Department	Hours/Week				Total hr/week	CIE Marks	*SEE Marks	Credits
				L	T	P	SS				
1	18BSEM201	Engineering Mathematics -II	Mathematics	2	2	0	0	4	50	50	3
2	18BSEP102	Engineering Physics - Theory	Physics	2	2	0	0	4	50	50	3
3	18BSEP103	Engineering Physics - Practical	Physics	0	0	3	0	3	50	50	1.5
4	18ESME104	Workshop & Manufacturing Practices	Mechanical	1	0	4	0	5	50**	50	3
5	18ESEE105	Basic Electrical Engineering - Theory	Electrical	2	2	0	0	4	50	50	3
6	18ESEE106	Basic Electrical Engineering - Practical	Electrical	0	0	3	0	3	50	50	1.5
7	18ESEC107	Basic Electronics	ECE	2	2	0	0	4	50	50	3
8	18HSPE108	Professional English	English	2	0	2	0	4	50	50	3
Total				11	8	12	0	31	400	400	21
Total Marks				800							

\* SEE shall be conducted for 100 marks and the marks obtained is to be reduced for 50 marks.

\*\* CIE for 18ESME104 shall be conducted for 100 marks and the marks obtained is to be reduced for 50 marks.