

**DEPARTMENT OF CIVIL ENGINEERING  
R14 - COURSE STRUCTURE**

**B. Tech**

**I Semester**

S.No	Subject Code	Subject	L	T	P	C	I	E	T. M
1	BTBS1T01	English-I	3	1	-	3	30	70	100
2	BTMA1T01	Differential Equations	3	1	-	3	30	70	100
3	BTEE1T01	Basic Electrical & Electronics	3	1	-	3	30	70	100
4	BTBS1T03	Engineering Physics	3	1	-	3	30	70	100
5	BTCS1T01	C Programming	3	1	-	3	30	70	100
6	BTME1T01	Engineering Drawing	-	1	3	3	30	70	100
7	BTBS1L01	English Communication Skills Lab-I	-	-	3	2	25	50	75
8	BTBS1L03	Engineering Physics Lab	-	-	3	2	25	50	75
9	BTCS1L01	C-Programming Lab	-	-	3	2	25	50	75
		<b>Total</b>				24	255	570	825

**B. Tech**

**II Semester**

S.No	Subject Code	Subject	L	T	P	C	I	E	T. M
1	BTBS2T01	English-II	3	1		3	30	70	100
2	BTMA2T01	Linear Algebra & Vector Calculus	3	1		3	30	70	100
3	BTMA2T02	Numerical Methods & Integral Transforms	3	1		3	30	70	100
4	BTBS2T02	Engineering Chemistry	3	1		3	30	70	100
5	BTBS2T04	Environmental Studies	3	1		3	30	70	100
6	BTME2T02	Engineering Mechanics	3	1	-	3	30	70	100
7	BTBS2L01	English Communication Skills Lab-II		-	3	2	25	50	75
8	BTBS2L02	Engineering Chemistry Lab		-	3	2	25	50	75
9	BTME2L01	Engineering Work shop		-	3	2	25	50	75
		<b>Total</b>				24	255	570	825

**Note:**L=Lecture Hours; T=Tutorial hours; P=Practical hours; C=Credits; I=Internal Evaluation; E=External Evaluation ; T.M=Total Marks

**DEPARTMENT OF EEE**  
**R14-COURSE STRUCTURE**

<b>Semester: I</b>										
S. No	Course Code	Course Name	L	T	P	C	I	E	TM	
<b>THEORY</b>										
1	BTBS1T01	English-I	3	1		3	30	70	100	
2	BTMA1T01	Differential Equations	3	1		3	30	70	100	
3	BTMA1T02	Numerical Methods & Integral Transforms	3	1		3	30	70	100	
4	BTBS1T02	Engineering Chemistry	3	1		3	30	70	100	
5	BTBS1T04	Environmental Studies	3	1		3	30	70	100	
6	BTCS1T01	C. Programming	3	1		3	30	70	100	
<b>PRACTICAL</b>										
7	BTBS1L01	English Communication Skills Lab-I			3	2	25	50	75	
8	BTBS1L02	Engineering Chemistry Lab			3	2	25	50	75	
9	BTCS1L01	C. Programming Lab			3	2	25	50	75	
<b>Total</b>			<b>18</b>	<b>6</b>	<b>9</b>	<b>24</b>	<b>255</b>	<b>570</b>	<b>825</b>	

<b>Semester: II</b>										
S. No	Course Code	Course Name	L	T	P	C	I	E	TM	
<b>THEORY</b>										
1	BTBS2T01	English-II	3	1		3	30	70	100	
2	BTMA2T01	Linear algebra & Vector Calculus	3	1		3	30	70	100	
3	BTEE2T01	Networks & Synthesis	3	1		3	30	70	100	
4	BTBS2T03	Engineering Physics	3	1		3	30	70	100	
5	BTME2T01	Engineering Drawing	1		3	3	30	70	100	
6	BTCS2T01	OOPS through C++	3	1		3	30	70	100	
<b>PRACTICAL</b>										
7	BTBS2L01	English Communication Skills Lab-II			3	2	25	50	75	
8	BTBS2L03	Engineering Physics lab			3	2	25	50	75	
9	BTCS2L01	OOPS through C++ Lab			3	2	25	50	75	
<b>Total</b>			<b>16</b>	<b>5</b>	<b>12</b>	<b>24</b>	<b>255</b>	<b>570</b>	<b>825</b>	

**DEPARTMENT OF MECHANICAL ENGINEERING**

**R14- B.TECH COURSE STRUCTURE**

**I SEMESTER**

S NO	COURSE CODE	COURSE NAME	L	T	P	C	I	E	TM
1	BTBS1T01	ENGLISH – I	3	1	--	3	30	70	100
2	BTMA1T01	DIFFERENTIAL EQUATIONS	3	1	--	3	30	70	100
3	BTEE1T01	BASIC ELECTRICAL AND ELECTRONICS	3	1	--	3	30	70	100
4	BTBS1T03	ENGINEERING PHYSICS	3	1	--	3	30	70	100
5	BTME1T01	ENGINEERING DRAWING	1	--	3	3	30	70	100
6	BTCS1T01	C.PROGRAMMING	3	1	--	3	30	70	100
7	BTBS1L01	ENGLISH COMMUNICATION SKILLS LAB-I	--	--	3	2	25	50	75
8	BTBS1L03	ENGINEERING PHYSICS LAB	--	--	3	2	25	50	75
9	BTCS1L01	C.PROGRAMMING LAB	--	--	3	2	25	50	75
<b>TOTAL</b>			16	05	12	24	255	570	825

**II SEMESTER**

S NO	COURSE CODE	COURSE NAME	L	T	P	C	I	E	TM
1	BTBS2T01	ENGLISH – II	3	1	--	3	30	70	100
2	BTMA2T01	LINEAR ALGEBRA & VECTOR CALCULUS	3	1	--	3	30	70	100
3	BTMA2T02	NUMERICAL METHODS AND INTEGRAL TRANSFORMS	3	1	--	3	30	70	100
4	BTBS2T02	ENGINEERING CHEMISTRY	3	1	--	3	30	70	100
5	BTBS2T04	ENVIRONMENTAL STUDIES	3	1	--	3	30	70	100
6	BTME2T02	ENGINEERING MECHANICS	3	1	--	3	30	70	100
7	BTBS2L01	ENGLISH COMMUNICATION SKILLS LAB - II	--	--	3	2	25	50	75
8	BTBS2L02	ENGINEERING CHEMISTRY LAB	--	--	3	2	25	50	75
9	BTME2L01	ENGINEERING WORKSHIOP	--	--	3	2	25	50	75
<b>TOTAL</b>			18	06	09	24	255	570	825

**ELECTRONICS & COMMUNICATION ENGINEERING**  
**R14-COURSE STRUCTURE – UG**

**SEMESTER - I**

S.No	Course Code	Course Name	L	T	P	C	I	E	TM
1	BTBS1T01	English-I	3	-	-	3	30	70	100
2	BTMA1T01	Differential Equations	3	1	-	3	30	70	100
3	BTMA1T02	Numerical Methods and Integral Transforms	3	1	-	3	30	70	100
4	BTBS1T02	Engineering Chemistry	3	1	-	3	30	70	100
5	BTBS1T04	Environmental Studies	3	1	-	3	30	70	100
6	BTCS1T01	C-Programming	3	1	-	3	30	70	100
7	BTBS1L01	English Communication Skills Lab-1	-	-	3	2	25	50	75
8	BTBS1L02	Engineering Chemistry Lab	-	-	3	2	25	50	75
9	BTCS1L01	C-Programming Lab	-	-	3	2	25	50	75
		Total				<b>24</b>	<b>255</b>	<b>570</b>	<b>825</b>

**SEMESTER – II**

S.No	Course Code	Course Name	L	T	P	C	I	E	TM
1	BTBS2T01	English-II	3	-	-	3	30	70	100
2	BTMA2T01	Linear Algebra and Vector Calculus	3	1	-	3	30	70	100
3	BTEE2T01	Networks & Synthesis	3	1	-	3	30	70	100
4	BTBS2T03	Engineering Physics	3	1	-	3	30	70	100
5	BTME2T01	Engineering Drawing	1	3	-	3	30	70	100
6	BTCS2T01	OOPS through C++	3	1	-	3	30	70	100
7	BTBS2L01	English Communication Skills Lab-II	-	-	3	2	25	50	75
8	BTBS2L03	Engineering Physics Lab	-	-	3	2	25	50	75
9	BTCS2L01	OOPS through C++ Lab	-	-	3	2	25	50	75
		Total				<b>24</b>	<b>255</b>	<b>570</b>	<b>825</b>

**COMPUTER SCIENCE & ENGINEERING  
R14-COURSE STRUCTURE – UG**

**B.Tech.****SEMESTER I**

S. No.	Course Code	Course Title	L	T	P	C	I	E	Total
1	BTBS1T01	English-I	3	1	-	3	30	70	100
2	BTMA1T01	Differential Equations	3	1	-	3	30	70	100
3	BTEE1T01	Basic Electrical and Electronics	3	1	-	3	30	70	100
4	BTBS1T03	Engineering Physics	3	1	-	3	30	70	100
5	BTME1T01	Engineering Drawing	1	-	3	3	30	70	100
6	BTCS1T01	C-Programming	3	1	-	3	30	70	100
7	BTBS1L01	English Communication Skills Lab-I	-	-	3	2	25	50	75
8	BTBS1L03	Engineering Physics Lab	-	-	3	2	25	50	75
9	BTCS1L01	C-Programming Lab	-	-	3	2	25	50	75
		<b>Total</b>				<b>24</b>	<b>255</b>	<b>570</b>	<b>825</b>

**B.Tech.****SEMESTER II**

S. No.	Course Code	Course Title	L	T	P	C	I	E	Total
1	BTBS2T01	English-II	3	1	-	3	30	70	100
2	BTMA2T01	Linear Algebra & Vector Calculus	3	1	-	3	30	70	100
3	BTMA2T02	Numerical Methods & Integral Transforms	3	1	-	3	30	70	100
4	BTBS2T02	Engineering Chemistry	3	1		3	30	70	100
5	BTBS2T04	Environmental Studies	3	1	-	3	30	70	100
6	BTCS2T01	OOPS through C++	3	1	-	3	30	70	100
7	BTBS2L01	English Communication Skills Lab-II	-	-	3	2	25	50	75
8	BTBS2L02	Engineering Chemistry Lab	-	-	3	2	25	50	75
9	BTCS2L01	OOPS Through C++ Lab	-	-	3	2	25	50	75
		<b>Total</b>				<b>24</b>	<b>255</b>	<b>570</b>	<b>825</b>

**INFORMATION TECHNOLOGY  
R14-COURSE STRUCTURE – UG  
SEMESTER-I**

S. No.	Course Code	Course Name	L	T	P	C	I	E	TM	
1	<b>BTBS1T01</b>	English –I	3		-	3	30	70	100	
2	<b>BTMA1T01</b>	Differential Equations	3	1	-	3	30	70	100	
3	<b>BTMA1T02</b>	Numerical Methods and Integral Transforms	3	1	-	3	30	70	100	
4	<b>BTBS1T02</b>	Engineering Chemistry	3	1	-	3	30	70	100	
5	<b>BTBS1T04</b>	Environmental Studies	3	1	-	3	30	70	100	
6	<b>BTCS1T01</b>	C-Programming	3	1	-	3	30	70	100	
7	<b>BTBS1L01</b>	English Communication Skills Lab-I	-			3	2	25	50	75
8	<b>BTBS1L02</b>	Engineering Chemistry Lab	-			3	2	25	50	75
9	<b>BTCS1L01</b>	C-Programming Lab	-			3	2	25	50	75
		<b>Total</b>				<b>24</b>	<b>255</b>	<b>570</b>	<b>825</b>	

**SEMESTER-II**

S. No.	Course Code	Course Name	L	T	P	C	I	E	TM	
1	<b>BTBS2T01</b>	English –II	3		-	3	30	70	100	
2	<b>BTMA2T01</b>	Linear Algebra and Vector Calculus	3	1	-	3	30	70	100	
3	<b>BTEE2T02</b>	Basic Electrical & Electronics	3	1	-	3	30	70	100	
4	<b>BTBS2T01</b>	Engineering Physics	3	1	-	3	30	70	100	
5	<b>BTME2T01</b>	Engineering Drawing	1	-	3	3	30	70	100	
6	<b>BTCS2T01</b>	OOPS through C++	3	1	-	3	30	70	100	
7	<b>BTBS2L01</b>	English Communication Skills Lab-II	-			3	2	25	50	75
8	<b>BTBS2L03</b>	Engineering Physics Lab	-			3	2	25	50	75
9	<b>BTCS2LO1</b>	OOPS Lab	-			3	2	25	50	75
		<b>Total</b>				<b>24</b>	<b>255</b>	<b>570</b>	<b>825</b>	