

New B. Tech Programme Curriculum Structure-2018 session

B.Tech Curriculum

Batch 2018 onward

SEMESTER-I

Course No.	Course Title/ Course Type	L	T	P	C	Remarks	
MA101	Mathematics – I	3	1	0	4		
ME101	Engineering Mechanics	3	0	0	3		
PH101/ CY101	Chemistry/Physics	2/3	1	0	3/4		
CE101	Engineering Drawing	1	0	4	3		
EE101/ EC101	Basic Electrical Engineering/Basic Electronics	2	0	0	2		
HS101	English Language Skills	2	0	0	2		
HS151	English Language Skills Lab	0	0	2	1		
CY151/ PH151	Chemistry Lab/Physics Lab	0	0	2	1		
EE151/ EC151	Basic Electrical Engineering Lab/ Basic Electronics Engineering Lab	0	0	2	1		
		13/14	2	10			
		25/26			20/21		

SEMESTER II

Course No.	Course Title/ Course Type	L	T	P	Cr	Remarks	
MA102	Mathematics – II	3	1	0	4		
EE101/ EC101	Basic Electronics / Electrical Engineering	2	0	0	2		
PH101/ CY101	Physics /Chemistry	3/2	1	0	4/3		
ES102	Environmental Science	2	0	0	2		
CS102	Introduction to Computing	2	1	0	3		
CE102	Workshop Practice	0	0	4	2		
EE151/ EC151	Basic Electrical Engineering Lab/ Basic Electronics Engineering Lab	0	0	2	1		
CY151/ PH151	Chemistry Lab/Physics Lab	0	0	2	1		
CS151	Computing Lab	0	0	2	1		
		12/11	3	10			
		25/24			20/19		

Semester: III

Course No.	Course Title / Course Type	L	T	P	C	Remarks
XX ₂₀₀	Mahemaics-3	3	1	0	4	
XX ₂₀₀	Professional Core-1	3	0	0	3	
XX ₂₀₀	Professional Core-2	3	0	0	3	
XX ₂₀₀	Professional Core-3	3	0	0	3	
XX ₂₀₀	Special Course-1	2	0	0	2	
XX ₂₀₀	Lab course-1	0	1	2	2	
XX ₂₀₀	Lab course-2	0	1	2	2	
XX ₂₀₀	Lab course-3	0	0	2	1	
		14	3	6		
		23			20	

Semester: IV

Course No.	Course Title / Course Type	L	T	P	C	Remarks
XX ₂₀₀	Professional Core-4	3	1	0	4	
XX ₂₀₀	Professional Core-5	3	0	0	3	
XX ₂₀₀	Professional Core-6	3	0	0	3	
XX ₂₀₀	Professional Elective-1	3	0	0	3	
XX ₂₀₀	Professional Elective-2	3	0	0	3	
XX ₂₀₀	Open Elective-1	2	0	0	2	
XX ₂₀₀	Lab course-4	0	0	2	1	
XX ₂₀₀	Lab course-5	0	1	2	2	
XX ₂₀₀	Lab course-6	0	1	2	2	
		17	3	6		
		26			23	

Semester: V

Course No.	Course Title / Course Type	L	T	P	C	Remarks
XX ₃₀₀	Professional Core-7	3	0	0	3	
XX ₃₀₀	Professional Core-8	3	1	0	4	
XX ₃₀₀	Professional Core-9	3	1	0	4	
XX ₃₀₀	Professional Elective-3	3	0	0	3	
XX ₃₀₀	Professional Elective-4	3	0	0	3	
XX ₃₀₀	Open Elective-2	2	0	0	2	
XX ₃₀₀	Lab course-7	0	0	2	1	
XX ₃₀₀	Lab course-8	0	1	2	2	
XX ₃₀₀	Lab course-9	0	1	2	2	
		17	4	6		
		27			24	

Semester: VI

Course No.	Course Title / Course Type	L	T	P	C	Remarks	
XX ₃₀₀	Professional Core-10	3	1	0	4		
XX ₃₀₀	Professional Core-11	3	0	0	3		
XX ₃₀₀	Professional Elective-5	3	0	0	3		
XX ₃₀₀	Professional Elective-6	3	0	0	3		
XX ₃₀₀	Open Elective-3	2	0	0	2		
XX ₃₀₀	Special HS course-2	2	0	0	2		
XX ₃₀₀	Lab course-10	0	1	2	2		
XX ₃₀₀	Lab course-11	0	1	2	2		
XX ₃₀₀	Minor Project	0	0	2	1		
		16	3	6			
		25			22		

Semester: VII

Course No.	Course Title / Course Type	L	T	P	C	Remarks	
XX ₄₀₀	Project-I	0	0	10	5		
XX ₄₀₀	Professional Elective-7	3	0	0	3		
XX ₄₀₀	Professional Elective-8	3	0	0	3		
XX ₄₀₀	Open Elective-4	2	0	0	2		
XX ₄₀₀	Special course-3	2	0	0	2		
XX ₄₀₀	Lab course-12	0	1	2	2		
	Summer Internship	0	0	0	1		
		10	1	12			
		23			18		

Semester: VIII

Course No.	Course Title / Course Type	L	T	P	C	Remarks	
XX ₄₀₀	Project-II	0	0	18	9		
XX ₄₀₀	Professional Elective-9	3	0	0	3		
XX ₄₀₀	Professional Elective-10	3	0	0	3		
XX ₄₀₀	Special Course-4	2	0	0	2		
		08	0	18			
		26			17		