

# New B. Tech Programme Curriculum Structure-2018 session

## B.Tech Curriculum

Batch 2018 onward

### SEMESTER- I

Course No.	Course Title	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/Electronics	2	0	0	2	
HS101	Communicative English	2	0	0	2	
HS151	English Language Skills Lab	0	0	2	1	
CY151/ PH151	Chemistry/Physics Lab	0	0	2	1	
EE151/ EC151	Basic Electrical Engineering Lab/ Electronics Engineering Lab	0	0	2	1	
		13/14	2	10		
		<b>25/26</b>			<b>20/21</b>	

### SEMESTER II

Course No.	Course Title	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 Electronics Lab/Electrical	0	0	2	1	
CY151/ PH151	Physics/ Chemistry Lab	0	0	2	1	
CS151	Computing Lab	0	0	2	1	
		12/11	3	10		
		<b>25/24</b>			<b>20/19</b>	

**Semester: III**

Course No.	Course Title	L	T	P	C	Remarks	
XX <sub>200</sub>	Mahemaics-3	3	1	0	4		
XX <sub>200</sub>	Professional Core-1	3	0/1	0	3/4		
XX <sub>200</sub>	Professional Core-2	3	0/1	0	3/4		
XX <sub>200</sub>	Professional Core-3	3	0	0	3		
XX <sub>200</sub>	Special Course-1	2	0	0	2		
XX <sub>200</sub>	Lab course-1	0	1	2	2		
XX <sub>200</sub>	Lab course-2	0	1	2	2		
XX <sub>200</sub>	Lab course-3	0	0	2	1		
		14	3/5	6			
		<b>23/25</b>			<b>20/22</b>		

**Semester: IV**

Course No.	Course Title	L	T	P	C	Remarks	
XX <sub>200</sub>	Professional Core-4	3	0/1	0	3/4		
XX <sub>200</sub>	Professional Core-5	3	0/1	0	3/4		
XX <sub>200</sub>	Professional Core-6	3	0	0	3		
XX <sub>200</sub>	Professional Elective-1	3	0	0	3		
XX <sub>200</sub>	Professional Elective-2	3	0	0	3		
XX <sub>200</sub>	Open Elective-1	2	0	0	2		
XX <sub>200</sub>	Lab course-4	0	0	2	1		
XX <sub>200</sub>	Lab course-5	0	1	2	2		
XX <sub>200</sub>	Lab course-6	0	1	2	2		
		17	2/4	6			
		<b>25/27</b>			<b>22/24</b>		

**Semester: V**

Course No.	Course Title	L	T	P	C	Remarks	
XX <sub>300</sub>	Professional Core-7	3	0/1	0	3/4		
XX <sub>300</sub>	Professional Core-8	3	0/1	0	3/4		
XX <sub>300</sub>	Professional Core-9	3	0	0	3		
XX <sub>300</sub>	Professional Elective-3	3	0/1	0	3/4		
XX <sub>300</sub>	Professional Elective-4	3	0	0	3		
XX <sub>300</sub>	Open Elective-2	2	0	0	2		
XX <sub>300</sub>	Lab course-7	0	1	2	2		
XX <sub>300</sub>	Lab course-8	0	1	2	2		
XX <sub>300</sub>	Lab course-9	0	0	2	1		
		17	2/5	6			
		<b>25/28</b>			<b>22/25</b>		

**Semester: VI**

Course No.	Course Title	L	T	P	C	Remarks	
XX <sub>300</sub>	Professional Core-10	3	0/1	0	3/4		
XX <sub>300</sub>	Professional Core-11	3	0/1	0	3/4		
XX <sub>300</sub>	Professional Elective-5	3	0	0	3		
XX <sub>300</sub>	Professional Elective-6	3	0	0	3		
XX <sub>300</sub>	Open Elective-3	2	0	0	2		
XX <sub>300</sub>	Special HS course-2	2	0	0	2		
XX <sub>300</sub>	Lab course-10	0	1	2	2		
XX <sub>300</sub>	Lab course-11	0	1	2	2		
XX <sub>300</sub>	Term Paper	0	0	2	1		
		16	2/4	6			
		<b>24</b>			<b>21/23</b>		

**Semester: VII**

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

**Semester: VIII**

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