BIRLA INSTITUTE OF TECHNOLOGY- MESRA, RANCHI
NEWCOURSE STRUCTURE - To be effective from academic session 2018- 19
Based on CBCS & OBE model
Recommended scheme of study
(B.Tech. in Electronics & Communications Engineering, Computer Science & Engineering, Electrical & Electronics Engineering, Information Technology)

Semester/ Session of Study (Recomended)	Course Level	Category of course	Course Code	Courses	Mode of delivery & credits L-Lecture; T-Tutorial; P-Practicals			Total Credits C- Credits
					L (*Periods/ week*)	T (*Periods/ week*)	P (*Periods/ week*)	C
				THEORY				
FIRST Monsoon	**FIRST**	FS *Foundation Sciences*	MA 103	Mathematics - I	3	1	0	4
			CH101	Chemistry	3	1	0	4
		GE *General Engineering*	EC101	Basics of Electronics & Communication Engineering	3	1	0	4
			ME101	Basics of Mechanical Engineering	3	1	0	4
				LABORATORIES				
	FIRST	FS	CH102	Chemistry Lab	0	0	3	1.5
		GE	EC102	Electronics & Communication Lab	0	0	3	1.5
		GE	ME102	Engineering Graphics	0	0	4	2
		MC Mandatory Course	MC101/102/103/104	Choice of : NCC/NSS/ PT & Games/ Creative Arts (CA)	0	0	2	1
TOTAL								**22**
				THEORY				
SECOND Spring	**FIRST**	FS	MA107	Mathematics - II	3	1	0	4
			PH113	Physics	3	1	0	4
		GE	CS101	Programming for problem Solving	3	1	0	4
			EE101	Basics of Electrical Engineering	3	1	0	4
				LABORATORIES				
	FIRST	FS	PH114	Physics Lab	0	0	3	1.5
		GE	CS102	Programming for problem Solving lab	0	0	3	1.5
			PE101	Workshop Practice	0	0	3	1.5
		MC	MC105/106/107/108	Choice of : NCC/NSS/ PT & Games/ Creative Arts (CA)	0	0	2	1
TOTAL								**21.5**
GRAND TOTAL FOR FIRST YEAR								**43.5**