

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

(For BioEngg, Chemical, Chemical (Plastics and Polymer, Civil Mechanical & Production Engineering Branches)

Semester/ Session of Study (Recommended)	Course Level	Category of course	Course Code	Courses	Mode of delivery & credits <i>L-Lecture; T-Tutorial;P-Practicals</i>			Total Credits <i>C-Credits</i>	
					L <i>(Periods/ week)</i>	T <i>(Periods/ week)</i>	P <i>(Periods/ week)</i>	C	
THEORY									
FIRST Monsoon	FIRST	FS Foundation Sciences	MA103	Mathematics - I	3	1	0	4	
			PH113	Physics	3	1	0	4	
		GE General Engineering	EE101	Basics of Electrical Engineering	3	1	0	4	
			CS101	Programming for Problem Solving	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
			GE	PE101	Workshop Practice	0	0	3	1.5
		MC Mandatory Course	MC101/102/103/104	Choice of : NCC/NSS/PT & Games/ Creative Arts (CA)	0	0	2	1	
	TOTAL								21.5
THEORY									
SECOND Spring	FIRST	FS	MA107	Mathematics - II	3	1	0	4	
			CH101	Chemistry	3	1	0	4	
		GE	ME101	Basics of Mechanical Engineering	3	1	0	4	
			EC101	Basics of Electronics & Communication 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
		MC	ME102	Engineering Graphics	0	0	4	2	
			MC105/106/107/108	Choice of : NCC/NSS/PT & Games/ Creative Arts (CA)	0	0	2	1	
	TOTAL								22
GRAND TOTAL FOR FIRST YEAR								43.5	