

**Program Structure for  
First Year Engineering (Semester I & II)  
Mumbai University  
(With Effect from 2016-2017)**

**Semester I**

Course Code	Course Name	Teaching Scheme (Contact Hours)			Credits Assigned				
		Theory	Pract.	Tut.	Theory	TW/Pract	Tut.	Total	
FEC101	Applied Mathematics-I	04	-	01	04	-	01	05	
FEC102	Applied Physics-I	03	01	-	03	0.5	-	3.5	
FEC103	Applied Chemistry -I	03	01	-	03	0.5	-	3.5	
FEC104	Engineering Mechanics	05	02	-	05	01	-	06	
FEC105	Basic Electrical Engineering	04	02	-	04	01	-	05	
FEC106	Environmental studies	02	-	-	02	-	-	02	
FEL101	Basic Workshop Practice-I	-	04	-	-	02	-	02	
Total		21	10	01	21	05	01	27	
Course Code	Course Name	Examination Scheme							
		Theory				Term Work	Pract	Oral	Total
		Internal Assessment			End Sem Exam				
		Test1	Test2	Avg					
FEC101	Applied Mathematics-I	20	20	20	80	25	-	-	125
FEC102	Applied Physics-I	15	15	15	60	25	-	-	100
FEC103	Applied Chemistry –I	15	15	15	60	25	-	-	100
FEC104	Engineering Mechanics	20	20	20	80	25	-	25	150
FEC105	Basic Electrical Engineering	20	20	20	80	25	-	25	150
FEC106	Environmental studies	15	15	15	60	-	-	-	75
FEL101	Basic Workshop Practice-I	-	-	-	-	50	-	-	50
Total				105	420	175		50	750