

University of Pune: Faculty of Engineering  
Structure: First Year Engineering (FE 2012 course)

With effect from AY: 2012-13

**Semester - I**

Code	Subjects	Short Name	Weekly Work Load (in Hrs)			Semester Examination Scheme of Marks					
			Lectures	Tutorials	PR/DRG	Theory		TW	PR	OR	Max. Marks
						Paper	Online				
107001	Engineering Mathematics I	M I	4	1	-	50	50	25	-	-	125
# 107002/ 107009	Engineering Physics OR Engineering Chemistry	Phy / Che m	4	-	2	50	50	25	-	-	125
110003	Fundamentals of Programming Languages I	FPL I	1	-	2	-	-	-	50*	-	50
# 103004/ 104012	Basic Electrical Engineering OR Basic Electronics Engineering	BEE/ BXE	3	-	2	50	50	25	-	-	125
101005	Basic Civil and Environmental Engineering	BCE E	3	-	2	50	50	25	-	-	125
102006	Engineering Graphics I	EG I	3	-	2	50	50	-	-	-	100
111007	Workshop Practices	WS	-	-	2	-	-	50	-	-	50
<b>Total of Semester I</b>			18	1	12	250	250	150	50	-	700

**Semester - II**

Code	Subjects	Short Name	Weekly Work Load (in Hrs)			Semester Examination Scheme of Marks					
			Lectures	Tutorials	PR/DRG	Theory		TW	PR	OR	Max. Marks
						Paper	Online				
107008	Engineering Mathematics II	M II	4	-	-	50	50	-	-	-	100
# 107009/ 107002	Engineering Chemistry OR Engineering Physics	Che m / Phy	4	-	2	50	50	25	-	-	125
110010	Fundamentals of Programming Languages II	FPL II	1	-	2	-	-	-	50*	-	50
101011	Engineering Mechanics	EM	4	-	2	50	50	25	-	-	125
# 103012/ 104004	Basic Electronics Engineering OR Basic Electrical Engineering	BXE/ BEE	3	-	2	50	50	25	-	-	125
102013	Basic Mechanical Engineering	BME	3	-	2	50	50	25	-	-	125
102014	Engineering Graphics II	EG II	-	-	2	-	-	50	-	-	50
<b>Total of Semester II</b>			19	-	12	250	250	150	50	-	700

**Instructions:**

- 1 PR/Tutorial must be conducted in minimum three batches (**batch size 22 maximum**) per division.
  - 2 Minimum number of required Experiments/Assignments in PR/DRG/Tutorial be carried out as mentioned in the syllabi of related subjects.
  - 3 \* for FPL I and FPL II: UoP Online Practical Examination shall be conducted at the semester end.
- # Every student should appear for Engineering Physics, Engineering Chemistry, Basic Electronics Engineering and Basic Electrical Engineering during the year.
- # College is allowed to distribute Teaching Workload of subjects Physics, Chemistry, BEE, BXE in semesters I and II by dividing number of FE divisions appropriately in two groups.