Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

FACULTY OF ENGINEERING AND TECHNOLOGY

Syllabus Structure- 2014-2015

B. Tech Final Year (Plastics & Polymer Engineering)

Subject Code	SEMESTER-VII	Contact Hrs / Week				Examination Scheme						
	Subject	L	T	P	Total	CT	TH	TW	P	Total	Credits	Duration of Theory Exam
PPE401	Mould and Product Design	3	1	-	4	20	80	-	-	100	4	3 Hours
PPE402	Instrumental Analysis of Polymers	3	1	-	4	20	80	-	-	100	4	3 Hours
PPE403	Advanced Elastomer Technology	4	-	-	4	20	80	-	-	100	4	3 Hours
PPE404	Process Engineering & Plant Design	4	-	-	4	20	80	-	-	100	4	3 Hours
PPE441-444	**Elective-II**	4	-	-	4	20	80	-	-	100	4	3 Hours
PPE421	Laboratory-I :Instrumental Analysis of Polymers	-	-	2	2	-	-	50	50	100	1	NA
PPE422	Laboratory-II : Plant Design	-	-	2	2	-	-	50	50	100	1	NA
PPE423	Laboratory-III: CAE for Plastics	-	-	4	4	-	-	100	-	100	2	NA
PPE425	Project-II	-	-	6	6	-	-	100	100	200	3	NA
	Total of semester-VII	**18**	**02**	**14**	**34**	**100**	**400**	**300**	**200**	**1000**	**27**	-

Sub Code	SEMESTER-VIII	Contact Hrs /week				Examination Scheme						
	Subject	L	T	P	Total	CT	TH	TW	P	Total	Credits	Duration of Theory Exam
PPE471	Inplant Training (IPT)*	-	-	-	-	-	-	300	300	600	27	NA
	Total of semester-VIII	**-**	**-**	**-**	**-**	**-**	**-**	**300**	**300**	**600**	**27**	-
	Grand Total of VII & VIII	**-**	**-**	**-**	**-**	**100**	**400**	**600**	**500**	**1600**	**54**	-

L: Lecture hours per week T: Tutorial hours per week P: Practical hours per week CT: Class Test
TH: University Theory Examination TW: Term Work P: Practical/Oral Examination NA: Not Applicable

Elective-II

1. PPE441 Fiber Technology
2. PPE442 Polymer Nanocomposites
3. PPE443 Adhesive Science and Technology
4. PPE444 Polymer Blends and Composites

After every two weeks of Inplant Training (IPT) student shall apprise the progress of training to the internal guide and get the required inputs.