

**DIPLOMA IN ENGINEERING
&
SPECIAL PROGRAMMES
FIRST YEAR**

2011-2012

**SEMESTER SYSTEM
L - SCHEME**

DRAFT SYLLABUS

**DIRECTORATE OF TECHNICAL EDUCATION
TAMIL NADU**

L - SCHEME CURRICULUM OUTLINE

I SEMESTER

S.No	Subject	HOURS PER WEEK			
		Theory Hours	Tutorial / Drawing	Practical hours	Total Hours
1001	Communication English-I	4	-	-	4
1002	Mathematics-I	4	-	-	4
1003	Mathematics-II	4	-	-	4
1004	Engineering Physics-I	4	-	-	4
1005	Engineering Chemistry-I	4	-	-	4
1006	Engineering Graphics-I	-	6	-	6
1007	Engineering Physics-I Practical	-	-	3	3
1008	Engineering Chemistry-I Practical	-	-	3	3
1009	Workshop Practice	-	-	3	3
TOTAL		20	6	9	35

II SEMESTER

S.No	Subject	HOURS PER WEEK			
		Theory Hours	Tutorial / Drawing	Practical hours	Total Hours
2001	Communication English-II	4	-	-	4
2002	Basic Engineering	3	-	-	3
2003	Mathematics-III	4	-	-	4
2004	Mathematics-IV	4	-	-	4
2005	Engineering Physics-II	4	-	-	4
2006	Engineering Chemistry-II	4	-	-	4
2007	Engineering Graphics-II	-	6	-	6
2008	Engineering Physics-II Practical	-	-	3	3
2009	Engineering Chemistry-II Practical	-	-	3	3
TOTAL		23	6	6	35

I & II Semester Duration: 16 Weeks (of study)

- Physical Education for at least 3 hours/week shall be made compulsory for all students in the evening, after the general working hours of the Institution.

L - SCHEME

SCHEME OF EXAMINATION

I SEMESTER

S.No.	Subject	Examination Marks			Minimum Marks for Pass	Duration of Exam Hours
		Internal Marks	Board Exam. Marks	Total Marks		
1001	Communication English-I	25	75	100	40	3
1002	Mathematics-I	25	75	100	40	3
1003	Mathematics-II	25	75	100	40	3
1004	Engineering Physics-I	25	75	100	40	3
1005	Engineering Chemistry-I	25	75	100	40	3
1006	Engineering Graphics-I	25	75	100	40	3
1007	Engineering Physics-I Practical	25	75	100	50	3
1008	Engineering Chemistry-I Practical	25	75	100	50	3
1009	Workshop Practice	25	75	100	50	3
TOTAL		225	675	900		

II SEMESTER

S.No	Subject	Examination Marks			Minimum Marks for Pass	Duration of Exam Hours
		Internal Marks	Board Exam. Marks	Total Marks		
2001	Communication English-II	25	75	100	40	3
2002	Basic Engineering	25	75	100	40	3
2003	Mathematics-III	25	75	100	40	3
2004	Mathematics-IV	25	75	100	40	3
2005	Engineering Physics-II	25	75	100	40	3
2006	Engineering Chemistry-II	25	75	100	40	3
2007	Engineering Graphics-II	25	75	100	40	3
2008	Engineering Physics-II Practical	25	75	100	50	3
2009	Engineering Chemistry-II Practical	25	75	100	50	3
TOTAL		225	675	900		

CURRICULUM OUTLINE
PART-TIME STUDY

I SEMESTER

S.No.	SUBJECT	HOURS PER WEEK			
		Theory Hours	Tutorial / Drawing	Practical hours	Total Hours
1001	Communication English-I	3	-	-	3
1002	Mathematics-I	3	-	-	3
1003	Mathematics-II	3	-	-	3
1004	Engineering Physics-I	3	-	-	3
1005	Engineering Chemistry-I	3	-	-	3
1007	Engineering Physics-I Practical	-	-	2	2
1008	Engineering Chemistry-I Practical	-	-	2	2
1009	Workshop Practice	-	-	2	2
TOTAL		15	-	6	21

II SEMESTER

S.No.	SUBJECT	HOURS PER WEEK			
		Theory Hours	Tutorial / Drawing	Practical hours	Total Hours
2001	Communication English-II	3	-	-	3
2002	Basic Engineering	2	-	-	2
2003	Mathematics-III	3	-	-	3
2004	Mathematics-IV	3	-	-	3
2005	Engineering Physics-II	3	-	-	3
2006	Engineering Chemistry-II	3	-	-	3
2008	Engineering Physics-II Practical	-	-	2	2
2009	Engineering Chemistry-II Practical	-	-	2	2
TOTAL		17	-	4	21

I & II Semester Duration: 16 Weeks of study

I & II Semesters Duration : 16 Weeks

1006 ENGINEERING GRAPHICS – I : will be in the Second Year

2007 ENGINEERING GRAPHICS – II : will be in the Second Year

SCHEME OF EXAMINATION
PART- TIME STUDY

I SEMESTER

S.No	SUBJECT	Examination Marks			Minimum for pass	Duration of Exam Hours
		Internal Mark	Board Exam. Marks	Total Marks		
1001	Communication English-I	25	75	100	40	3
1002	Mathematics-I	25	75	100	40	3
1003	Mathematics-II	25	75	100	40	3
1004	Engineering Physics-I	25	75	100	40	3
1005	Engineering Chemistry-I	25	75	100	40	3
1007	Engineering Physics-I Practical	25	75	100	50	3
1008	Engineering Chemistry-I Practical	25	75	100	50	3
1009	Workshop Practice	25	75	100	50	3
TOTAL		200	600	800		

II SEMESTER

S.No	SUBJECT	Examination Marks			Minimum for pass	Duration of Exam Hours
		Internal Mark	Board Exam. Marks	Total Marks		
2001	Communication English-II	25	75	100	40	3
2002	Basic Engineering	25	75	100	40	3
2003	Mathematics-III	25	75	100	40	3
2004	Mathematics-IV	25	75	100	40	3
2005	Engineering Physics-II	25	75	100	40	3
2006	Engineering Chemistry-II	25	75	100	40	3
2008	Engineering Physics-II Practical	25	75	100	50	3
2009	Engineering Chemistry-II Practical	25	75	100	50	3
TOTAL		200	600	800		

I & II Semester Duration: 16 Weeks of study

I & II Semesters Duration : 16 Weeks

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