

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

2011-2012

**SEMESTER SYSTEM
L - SCHEME**

SYLLABUS

**DIRECTORATE OF TECHNICAL EDUCATION
TAMIL NADU**

L-SCHEME CURRICULUM OUTLINE

FIRST SEMESTER

S.No.	SUBJECT	HOURS PER WEEK			
		Theory Hours	Tutorial / Drawing	Practical hours	Total Hours
21001	Communication English-I	5	-	-	5
21002	Engineering Mathematics-I	5	-	-	5
21003	Engineering Mathematics-II	5	-	-	5
21004	Engineering Physics-I	5	-	-	5
21005	Engineering Chemistry-I	5	-	-	5
21006	Engineering Graphics-I	-	6	-	6
21007	Engineering Physics-I Practical	-	-	2	2
21008	Engineering Chemistry-I Practical	-	-	2	2
TOTAL		25	6	4	35

SECOND SEMESTER

S.No.	SUBJECT	HOURS PER WEEK			
		Theory Hours	Tutorial / Drawing	Practical hours	Total Hours
22001	Communication English-II	4	-	-	4
22002	Engineering Mathematics-III	5	-	-	5
22003	Engineering Mathematics-IV	5	-	-	5
22004	Engineering Physics-II	4	-	-	4
22005	Engineering Chemistry-II	4	-	-	4
22006	Engineering Graphics-II	-	6	-	6
22007	Engineering Physics-II Practical	-	-	2	2
22008	Engineering Chemistry-II Practical	-	-	2	2
22009	Workshop Practice	-	-	3	3
TOTAL		22	6	7	35

L-SCHEME
SCHEME OF THE EXAMINATION

FIRST SEMESTER

S.No	SUBJECT	Examination Marks			Minimum for pass	Duration of Exam Hours
		Internal assessment Marks	Board Exam. Marks	Total Mark		
21001	Communication English-I	25	75	100	40	3
21002	Engineering Mathematics-I	25	75	100	40	3
21003	Engineering Mathematics-II	25	75	100	40	3
21004	Engineering Physics-I	25	75	100	40	3
21005	Engineering Chemistry-I	25	75	100	40	3
21006	Engineering Graphics-I	25	75	100	40	3
21007	Engineering Physics-I Practical	25	75	100	50	3
21008	Engineering Chemistry-I Practical	25	75	100	50	3
TOTAL		200	600	800		

SECOND SEMESTER

S.No.	SUBJECT	Examination Marks			Minimum for pass	Duration of Exam Hours
		Internal assessment Marks	Board Exam Marks	Total Mark		
22001	Communication English-II	25	75	100	40	3
22002	Engineering Mathematics-III	25	75	100	40	3
22003	Engineering Mathematics-IV	25	75	100	40	3
22004	Engineering Physics-II	25	75	100	40	3
22005	Engineering Chemistry-II	25	75	100	40	3
22006	Engineering Graphics-II	25	75	100	40	3
22007	Engineering Physics-II Practical	25	75	100	50	3
22008	Engineering Chemistry-II Practical	25	75	100	50	3
22009	Workshop Practice	25	75	100	50	3
TOTAL		225	675	900		

L-SCHEME CURRICULUM OUTLINE

FIRST SEMESTER (PART TIME)

S.No.	SUBJECT	HOURS PER WEEK			
		Theory Hours	Tutorial / Drawing	Practical hours	Total Hours
21001	Communication English-I	3	-	-	3
21002	Engineering Mathematics-I	4	-	-	4
21003	Engineering Mathematics-II	4	-	-	4
21004	Engineering Physics-I	3	-	-	3
21005	Engineering Chemistry-I	3	-	-	3
21007	Engineering Physics-I Practical	-	-	2	2
21008	Engineering Chemistry-I Practical	-	-	2	2
TOTAL		17	-	4	21

I - Semester Duration: 16 Weeks

[21006](#) [ENGINEERING GRAPHICS](#)- I: will be in the Second Year

SECOND SEMESTER (PART TIME)

S.No.	SUBJECT	HOURS PER WEEK			
		Theory Hours	Tutorial / Drawing	Practical hours	Total Hours
22001	Communication English-II	3	-	-	3
22002	Engineering Mathematics-III	3	-	-	3
22003	Engineering Mathematics-IV	3	-	-	3
22004	Engineering Physics-II	3	-	-	3
22005	Engineering Chemistry-II	3	-	-	3
22007	Engineering Physics-II Practical	-	-	2	2
22008	Engineering Chemistry -II Practical	-	-	2	2
22009	Workshop Practice			2	2
TOTAL		15	-	6	21

II - Semester Duration: 16 Weeks

[22006](#) [ENGINEERING GRAPHICS](#) - II: will be in the Second Year

L-SCHEME
SCHEME OF THE EXAMINATION

FIRST SEMESTER (PART TIME)

S.No	SUBJECT	Examination Marks			Minimum for pass	Duration of Exam Hours
		Internal assessment Marks	Board Exam. Marks	Total Mark		
21001	Communication English-I	25	75	100	40	3
21002	Engineering Mathematics-I	25	75	100	40	3
21003	Engineering Mathematics-II	25	75	100	40	3
21004	Engineering Physics-I	25	75	100	40	3
21005	Engineering Chemistry-I	25	75	100	40	3
21007	Engineering Physics-I Practical	25	75	100	50	3
21008	Engineering Chemistry-I Practical	25	75	100	50	3
TOTAL		175	525	700		

[21006](#) [ENGINEERING GRAPHICS](#) - I: will be in the Second Year

SECOND SEMESTER (PART TIME)

S.No.	SUBJECT	Examination Marks			Minimum for pass	Duration of Exam Hours
		Internal assessment Marks	Board Exam Marks	Total Mark		
22001	Communication English-II	25	75	100	40	3
22002	Engineering Mathematics-III	25	75	100	40	3
22003	Engineering Mathematics-IV	25	75	100	40	3
22004	Engineering Physics-II	25	75	100	40	3
22005	Engineering Chemistry-II	25	75	100	40	3
22007	Engineering Physics-II Practical	25	75	100	50	3
22008	Engineering Chemistry-II Practical	25	75	100	50	3
22009	Workshop Practice	25	75	100	50	3
TOTAL		200	600	800		

[22006](#) [ENGINEERING GRAPHICS](#) - II: will be in the Second Year