

## DIPLOMA IN ELECTRICAL & ELECTRONICS ENGINEERING

### SCHEME OF INSTRUCTIONS AND EXAMINATION CURRICULUM-2009 (FIRST YEAR)

Sub Code	Name of the Subject	Instruction Periods/Week		Total Periods Per Year	Scheme Of Examinations			
		Theory	Practicals		Duration (hrs)	Sessional Marks	End Exam Marks	Total Marks
<b>THEORY SUBJECTS</b>								
EE-101	English	2	-	60	3	20	80	100
EE-102	Engineering Mathematics - I	5	-	150	3	20	80	100
EE-103	Engineering Physics	4	-	120	3	20	80	100
EE-104	Engineering Chemistry and Environmental Studies	4	-	120	3	20	80	100
EE-105	Basic Electrical Engineering	6	-	180	3	20	80	100
<b>PRACTICAL SUBJECTS</b>								
EE-106	Mechanical Workshop	-	3	90	3	40	60	100
EE-107	Engineering Drawing	-	6	180	3	40	60	100
EE-108	Physics Laboratory	-	3*	90	3	20	30	50
EE-109	Chemistry Laboratory	-			3	20	30	50
EE-110	Information Technology Lab	-	4	120	3	40	60	100
EE-111	Electrical Workshop	-	3	90	3	40	60	100
-	Group Task / Seminar	-	2	60	-	-	-	-
	Total	21	21	1260	-	300	700	1000

\*Half the class will go to EE-108 and the other half will go to EE-109. Next week vice-versa.

**DIPLOMA IN ELECTRICAL & ELECTRONICS ENGINEERING**  
**SCHEME OF INSTRUCTIONS AND EXAMINATION**  
**CURRICULUM-2009**  
**(III Semester)**

Sub Code	Name of the Subject	Instruction Periods/Week		Total Periods Per Semester	Scheme Of Examinations			
		Theory	Practicals		Duration (hrs)	Sessional Marks	End Exam Marks	Total Marks
<b>THEORY SUBJECTS</b>								
EE-301	Engineering Mathematics –II	4	-	60	3	20	80	100
EE-302	Electrical Circuits	5	-	75	3	20	80	100
EE-303	D.C.Machines & Batteries	5	-	75	3	20	80	100
EE-304	Electrical & Electronic Measuring Instruments	4	-	60	3	20	80	100
EE-305	Electronics	6	-	90	3	20	80	100
<b>PRACTICAL SUBJECTS</b>								
EE-306	D.C.Machines Lab	-	3	45	3	40	60	100
EE-307	Electrical Measurements lab	-	3	45	3	40	60	100
EE-308	Electrical Wiring Lab	-	3	45	3	40	60	100
EE-309	Electronics lab	-	6	90	3	40	60	100
EE-310	English Communication lab level-1	-	3	45	3	20	30	50
	<b>Total</b>	<b>24</b>	<b>18</b>	<b>630</b>	<b>-</b>	<b>280</b>	<b>670</b>	<b>950</b>

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**SCHEME OF INSTRUCTIONS AND EXAMINATION**  
**CURRICULUM-2009**  
**(IV Semester)**

Sub Code	Name of the Subject	Instruction Periods/Week		Total Periods Per Semester	Scheme Of Examinations			
		Theory	Practicals		Duration (hrs)	Sessional Marks	End Exam Marks	Total Marks
<b>THEORY SUBJECTS</b>								
EE-401	A.C. Machines – I	5	-	75	3	20	80	100
EE-402	Power Systems – I	6	-	90	3	20	80	100
EE-403	Electrical Installation & Estimation	4	-	60	3	20	80	100
EE-404	Digital Electronics & Micro Controllers	5	-	75	3	20	80	100
EE-405	General Mechanical Engg	5	-	75	3	20	80	100
<b>PRACTICAL SUBJECTS</b>								
EE-406	A.C. Machines Lab-I	-	3	45	3	40	60	100
EE-407	Electrical Engg Drawing	-	6	90	3	40	60	100
EE-408	Digital Electronics lab	-	3*	45	3	20	30	50
EE-409	Micro controllers lab	-			3	20	30	50
EE-410	English Communication Lab Level – II	-	3	45	3	20	30	50
	Group Task / Seminar	-	2	30	-	-	-	-
	Total	25	17	630	-	240	610	850

\*Half the class will go to EE-408 and the other half will go to EE-409. Next week vice-versa.

**EE-501 INDUSTRIAL TRAINING**  
**(Practical Training)**  
**V SEMESTER**

S.NO	Subject	Duration	Items	Max Marks	Remarks
1	Practical Training in the Industry	6 Months	1.First Assessment (at the end of 2nd month)	200	
			2. Second Assessment (at the end of 4 <sup>th</sup> month)	200	
			3.Final Assessment (at the end of spell)	200	
			4. Log Book & Record	100	50 Marks Each
			5. Seminar	50	
<b>TOTAL PER SEMESTER</b>				<b>750</b>	

The industrial training shall carry 750 marks and pass marks is **50%**.A candidate failing to secure the minimum marks should complete it at his own expenses.

During Industrial training the candidate shall put in a minimum of 90% attendance.

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**SCHEME OF INSTRUCTIONS AND EXAMINATION**  
**CURRICULUM-2009**  
**(VI Semester)**

Sub Code	Name of the Subject	Instruction Periods/Week		Total Periods Per Semester	Scheme Of Examinations			
		Theory	Practicals		Duration (hrs)	Sessional Marks	End Exam Marks	Total Marks
<b>THEORY SUBJECTS</b>								
EE-601	Industrial Management and Entrepreneurship	5	-	75	3	20	80	100
EE-602	A.C.Machines -II	5	-	75	3	20	80	100
EE-603	Power Electronics	5	-	75	3	20	80	100
EE-604(A)	<b><u>Elective :</u></b> Electrical Utilisation & Automation	5	-	75	3	20	80	100
EE-604(B)	Electric traction & PLC							
EE-604(C)	Electric traction & Renewable energy sources							
EE-605	Power Systems - II	5	-	75	3	20	80	100
<b>PRACTICAL SUBJECTS</b>								
EE-606	A .C. Machines Lab – II	-	6	90	3	40	60	100
EE-607	Power Electronics Lab	-	3	45	3	40	60	100
EE-608	CAD Lab	-	3*	45	3	20	30	50
EE-609	Industrial Automation Lab	-			3	20	30	50
EE-610	English Communication skills Laboratory Level-III	-	2	30	3	20	30	50
	Group Task / Seminar	-	3	45	-	-	-	-
	<b>Total</b>	<b>25</b>	<b>17</b>	<b>630</b>	<b>-</b>	<b>240</b>	<b>610</b>	<b>850</b>

\*Half the class will go to EE-608 and the other half will go to EE-609. Next week vice-versa.