

**11. MARK DISTRIBUTION IN EACH COURSE PER SEMESTER**

**Year I Part A**

Teaching Schedule				Examination Scheme			Total	Remark
S. N.	Course Code	Course Title	Credit	Theory				
				Assessment Marks	Final			
					Duration hours	Marks		
1	EG 821 ME	Research Methodology	4	40	3	60	100	
2	EG 822 ME	Operation Research /Management Science	4	40	3	60	100	
3	EG 823 ME	Thermo-fluid Engineering	4	40	3	60	100	
4	EG 824 ME	Energy Resources	4	40	3	60	100	
<b>Total</b>			<b>16</b>	<b>160</b>	<b>12</b>	<b>240</b>	<b>400</b>	

**Year I Part B**

Teaching Schedule				Examination Scheme			Total	Remark
S. N.	Course Code	Course Title	Credit	Theory				
				Assessment Marks	Final			
					Duration hours	Marks		
1	EG 871 ME	Energy Economics and Systems Planning	4	40	3	60	100	
2	EG 872 ME	Energy Financial Management	4	40	3	60	100	
3	EG 873 ME	Elective I	4	40	3	60	100	
4	EG 874 ME	Elective II	4	40	3	60	100	
<b>Total</b>			<b>16</b>	<b>160</b>	<b>12</b>	<b>240</b>	<b>400</b>	

Elective I      Hydropower Development and Maintenance  
 Climate Change and its Impact on Energy Sector

Elective II      Power Plant Technology (Thermal, Hydro & Renewable)  
 Power Transmission & Distribution  
 Power Systems Dynamics & Stability  
 Power System Control & Operations  
 Renewable Energy Technology

**Year II      Part A**

Teaching Schedule				Examination Scheme			Total	Remark
S. N.	Course Code	Course Title	Credit	Theory				
				Assessment Marks	Final			
					Duration hours	Marks		
1	EG 922 ME	Elective III	4	40	3	60	100	
2	EG 923 ME	Elective IV	4	40	3	60	100	
3	EG 921 ME	Group Project	4	100	-	-	100	
<b>Total</b>			<b>12</b>	<b>180</b>	<b>6</b>	<b>120</b>	<b>300</b>	

Elective III Energy Systems Modelling and Analysis  
 Energy Strategy, Energy Policy & Regulations  
 Energy Project Development and Social Sector Management

Elective IV Human Resources Management and Communication Skills  
 Electricity Economics and Planning  
 Energy Operations Management  
 Energy Efficiency and Audit  
 Reliability & Risk Analysis  
 Environment Impact Assessment

**Year II Part B**

Teaching Schedule				Examination Scheme			Total	Remark
S. N.	Course Code	Course Title	Credit	Theory				
				Assessment Marks	Final			
					Duration hours	Marks		
1	EG 971 ME	Thesis	16	100	-	-	100	
<b>Total</b>			<b>16</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>100</b>	