



## Teaching and Examination Scheme I Year I Semester: M.Tech. (RET)

S. No.	Course Code	Course Name	Category	Teaching Scheme			Exam Hrs	Marks			Credit
				L	T	P		CIE	SEE	Total	
1	MEPL101	Renewable Energy Sources	PCC	3	0	0	3	40	60	100	3
2	MEPL102	Solar Photovoltaics	PCC	3	0	0	3	40	60	100	3
		<b>Elective-I:</b>									
3	MEPL111	a. Solar Heating & Cooling	PEC	3	0	0	3	40	60	100	3
	MEPL112	b. Hydrogen Energy									
	MEPL113	c. Energy Conservation & Management									
		<b>Elective-II:</b>									
4	MEPL114	a. Energy Storage Technology	PEC	3	0	0	3	40	60	100	3
	MEPL115	b. Biofuel Technology & Mechanism									
	MEPL116	c. Energy Economics & Policy Making									
5	NP40.01	Optimization Techniques	MCC	3	0	0	3	40	60	100	3
6	NP99.XX	Audit Course	MCC	-	-	-	3	40	60	100	0
7	MEPP130	Renewable Technology Lab	PCC	0	0	4	4	60	40	100	2
8	MEPP131	Solar Photovoltaic Lab	PCC	0	0	4	4	60	40	100	2
9	MEPA100	Social Outreach, Discipline & Extra Curricular Activities (SODECA)	SODECA							100	1
<b>Total Credit</b>											<b>20</b>



## Teaching and Examination Scheme I Year II Semester: M.Tech. (RET)

S. No.	Course Code	Course Name	Category	Teaching Scheme			Exam Hrs	Marks			Credit
				L	T	P		CIE	SEE	Total	
1	MEPL201	Wind Energy Technology	PCC	3	0	0	3	40	60	<b>100</b>	<b>3</b>
2	MEPL202	Fuel Cell Technology	PCC	3	0	0	3	40	60	<b>100</b>	<b>3</b>
		<b>Elective-III:</b>									
3	MEPL211 MEPL212 MEPL213	a. Analysis of Power Plants b. Green Buildings c. Advanced Photovoltaic Technology	PEC	3	0	0	3	40	60	<b>100</b>	<b>3</b>
		<b>Elective-IV:</b>									
4	MEPL214 MEPL215 MEPL216	a. Solar Thermal Energy b. Electric Vehicle Technology c. Numerical Methods	PEC	3	0	0	3	40	60	<b>100</b>	<b>3</b>
5	NP99.XX	AUDIT COURSE	MCC	MCC	-	-	-	3	40	60	<b>100</b>
6	MEPP230	Building Energy Simulation Lab	PCC	0	0	4	4	60	40	<b>100</b>	<b>2</b>
7	MEPP231	Solar Energy Simulation Lab	PCC	0	0	4	4	60	40	<b>100</b>	<b>2</b>
8	MEPD250	Mini Project with Seminar	REW	0	0	2	4	60	40	<b>100</b>	<b>2</b>
9	MEPA200	Social Outreach, Discipline & Extra Curricular Activities (SODECA)	SODECA							<b>100</b>	<b>1</b>
<b>Total Credit</b>											<b>19</b>