

**HERITAGE INSTITUTE OF TECHNOLOGY**  
**TIME TABLE**  
**DEPARTMENT OF CHEMICAL ENGINEERING**

**M.Tech. (Renewable Energy) 1st year 1<sup>st</sup>Semester**

**Session 2021– 2022**

DAY	9.00 AM – 9.55 AM	9.55 AM – 10.50 AM	10.50 AM – 11.45 AM	11.45 AM – 12.25 PM	12.25PM – 1.20 PM	1.20PM – 2.15 PM	2.15 PM – 3.10 PM	3.10PM – 4.05 PM	4.05 PM – 5 PM	5 PM – 5.55 PM
MON									REEN 5151/ SB/ CB 208	
TUE	L/REEN 5101/PS	L/REEN 5103/ SWV/	REEN 5103/ SWV/	BREAK	L/REEN 5144/DD/	L/REEN 5144/DD/	L/REEN 5102/SKS	L/REEN 5141/CR		
WED	L/REEN 5102/DS	L/REEN 5102/DS	L/REEN 5101/ARS/	BREAK						
THU				BREAK	L/REEN 5141/CR/	L/REEN 5141/CR/	L/REEN 5144/SM			
FRI	L/REEN 5101/ARS	L/DIMA 5116/SR		BREAK	L/REEN 5144/SM	REEN 5152/NBR/Power lab				

**M. Tech First year routine will be effective from the date of commencement of M. Tech First year classes**  
A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination.  
Students should target 100% attendance

Member

HoD

Principal

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<b>THEORY</b>							
<b>S.No</b>	<b>Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>H</b>	<b>Credit</b>
01	REEN 5101	Energy Resource and Characteristics	3	0	0	3	3
02	REEN 5102	Renewable Energy –I	3	0	0	3	3
03	REEN 5103	Research Methodology and IPR	2	0	0	2	2
04	REEN 5141 - 5143	Professional Elective I	3	0	0	3	3
05	REEN 5144- 5146	Professional Elective II	3	0	0	3	3
06	DIMA 5116	Disaster Management	2	0	0	0	0
	PDLS5118	Personality Development through Life Enlightenment Skills					
	YOGA5119	Stress Management by Yoga					
	SANS5120	Sanskrit for Technical Knowledge					
<b>Total Theory</b>							<b>14</b>
<b>LABORATORY</b>							
<b>S.No</b>	<b>Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>H</b>	<b>Credit</b>
01	REEN 5151	Measurement Analysis Lab	0	0	4	4	2
02	REEN 5152	Power Lab	0	0	4	4	2
<b>Total Practical</b>							<b>4</b>
<b>Semester Total</b>							<b>18</b>

  

<b>Professional Elective I</b>	<b>REEN 5141</b>	<b>REEN 5142</b>	<b>REEN 5143</b>
<b>Subject name</b>	Material for Renewable Energy Application	Thermal and Electrical Energy Fundamentals	Sustainable Application in Renewable Energy
<b>Professional Elective II</b>	<b>REEN 5144</b>	<b>REEN 5145</b>	<b>REEN 5146</b>
<b>Subject name</b>	Optimization Techniques	Applied Numerical Methods	Statistical Analysis

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INITIAL	FULLNAME	DEPARTMENT
ARS	Prof. Aparna RaySarkar	Chemical Engineering
SWV	Prof. Swami Vedajnananda	Chemical Engineering
PS	Prof. Pramita Sen	Chemical Engineering
DS	Prof. Dwaipayan Sen	Chemical Engineering
DD	Prof. Diptendu Datta	Chemical Engineering
SB	Prof. Sangita Bhattacharjee	Chemical Engineering
SKS	Prof. Sukanta Saha	Mechanical Engineering
SM	Prof. Sudipta Mitra	Electrical Engineering
CR	Prof. Chandrima Roy	Electronics & Communication Engineering

**Member**

**HoD**

**Principal**