

<b>Course title:</b> Energy Science Lab			
<b>Course code:</b> DSE 109	<b>No. of credits:</b> 3	<b>L-T-P:</b> 15-00-60	<b>Learning hours:</b> 75
<b>Pre-requisite course code and title (if any):</b>			
<b>Department:</b> Sustainable Engineering			
<b>Course coordinator:</b> Prof. Naqui Anwer		<b>Course instructor:</b> Prof. Naqui Anwer/ Dr Ramkishore Singh	
<b>Contact details:</b> <a href="mailto:naqui.anwer@terisas.ac.in">naqui.anwer@terisas.ac.in</a>			
<b>Course type:</b> Core		<b>Course offered in:</b> Semester 1	
<p><b>Course Description:</b>  Laboratory experiments help in better understanding of the subjects discussed in the classes. The experiments based on basic principles related to energy stimulate students for further investigation and their application.</p>			
<p><b>Course objectives:</b></p> <ul style="list-style-type: none"> <li>• To provide hands-on experience on experimental setups related to basic electrical circuits</li> <li>• To provide practical learning about the basic operation of electrical circuits and equipment</li> <li>• To provide hands-on experience on experimental setups related to basic thermal science</li> <li>• To provide practical learning about the basic operation of equipment used in determination of heat transfer coefficients, thermal mass transfer and related experiments</li> </ul>			