

<b>Course title:</b> Energy Conservation, Audit and Management			
<b>Course code:</b> DSE 107	<b>No. of credits:</b> 3	<b>L-T-P:</b> 42-03-00	<b>Learning hours:</b> 45
<b>Pre-requisite course code and title (if any):</b>			
<b>Department:</b> Sustainable Engineering			
<b>Course coordinator:</b> Dr Sapan Thapar		<b>Course instructor:</b> Dr Sapan Thapar	
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<b>Course type:</b> Core		<b>Course offered in:</b> Semester 1	
<p><b>Course Description:</b>  Energy Conservation has been identified as a key instrument to enhance energy security and reduce energy intensity as well as greenhouse emissions. Energy Audit helps to map the flow of energy across a process, identifying potential saving opportunities. Policy makers and technology providers have been working towards the cause of energy management and encourage its prudential use. This course is designed to educate students on the different dimensions of energy, its conservation, management and audit.</p>			
<p><b>Course objectives:</b></p> <ul style="list-style-type: none"> <li>• To impart knowledge in the domain of energy conservation</li> <li>• To understand energy conservation measures across different consumer segments</li> <li>• To inculcate knowledge and skills about assessing energy efficiency of an entity</li> <li>• To understand Energy Audit procedure along with relevant technologies/tools</li> <li>• To develop Energy Audit Report writing skills</li> </ul>			