

<b>Course Number and Name</b>												
BEE048 & Renewable Energy Sources												
<b>Credits and Contact Hours</b>												
3 & 45												
<b>Course Coordinator's Name</b>												
Mr.Uma Mageshwaran												
<b>Course Objectives</b>												
To create awareness among the students about the different types of non-conventional energy resources and emphasize its importance												
<b>Prerequisites</b>						<b>Co-requisites</b>						
Power Generation System						Nil						
<b>required, elective, or selected elective (as per Table 5-1)</b>												
<b>Required</b>												
<b>Course Outcomes (COs)</b>												
CO1: Able to understand the renewable energy sources available at present. CO2: Able to understand the solar energy operation and its characteristics. CO3: To educate the wind energy operation and its types. CO4: To educate the tidal and geothermal energy principles and its operation. CO5: Able to understand the biomass energy generation and its technologies.												
<b>Student Outcomes (SOs) from Criterion 3 covered by this Course</b>												
<b>COs/POs</b>	<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>	<b>g</b>	<b>h</b>	<b>i</b>	<b>j</b>	<b>k</b>	<b>l</b>
<b>CO1</b>		H	M		M	M	H	H	M	H	H	M
<b>CO2</b>		M	M		H	H	M	M			L	M
<b>CO3</b>		H	H		H	H	H	H	M	M	H	M
<b>CO4</b>		M	H		H	H	H	H		M	H	M
<b>CO5</b>		M	M		L	M	M	M	M	L	L	M