

Course Number and Name												
<b>BCE405 - TRANSPORTATION ENGINEERING</b>												
Credits and Contact Hours												
<b>3 &amp; 45</b>												
Course Coordinator's Name												
Ms.T.Aarthiharini												
Course Objective												
<ul style="list-style-type: none"> <li>To give an overview about the highway engineering with respect to, planning, design, construction and maintenance of highways as per IRC standards, specifications and methods.</li> </ul>												
Prerequisites						Co-requisites						
Basic Mechanical Engineering						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	To prepare the plan for highways as per IRC standards											
CO2	To perform geometric design of urban and rural roads											
CO3	To design flexible and rigid pavements using IRC methods											
CO4	To suggests modern materials and methods of highway construction.											
CO5	To evaluate, carry out maintenance and strengthening of existing pavements.											
Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	
CO1			H	H								
CO2			H	H								
CO3			H	H								
CO4			H	H								
CO5			H	H								