



### Course Structure

Branch - Common to all branches      First Year Engineering      Semester - I      Academic Year - 2009-2010      Pattern - A

#### Theory Courses

Subject Code	Subject Name	Type	Teaching Scheme ( Hrs. / week)			Examination Scheme ( % Weightage)					Credits
			Lectures	Tutorial	HA	Class Test	TA	MSE	ESE	Total	
ES0011	Engineering Mathematics I	ES	03	01	02	10	10	30	50	100	04
ES0021	Physics I	ES	02	--	02	10	10	30	50	100	02
ES0031	Chemistry I	ES	02	--	02	10	10	30	50	100	02
ME0011	Elements of Mechanical Engineering	E	03	--	02	10	10	30	50	100	03
ES0041	Environmental & Civil Engineering	E	03	--	02	10	10	30	50	100	03
<b>TOTAL</b>			<b>13</b>	<b>01</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14</b>

#### Laboratory Courses

Subject Code	Subject Name	Type	Teaching Scheme ( Hrs. / Week)				Examination Scheme ( % Weightage)		Credits	
			Lectures	Tutorial	Lab.	HA	CA	Total		
ES5021	Physics I	ES	--	--	02*	--	100	100	01	
ES5031	Chemistry I	ES	--	--	02*	--	100	100	01	
ME5011	Elements of Mechanical Engineering	E	--	--	02	--	100	100	01	
ES5041	Environmental & Civil Engineering	E	--	--	02	--	100	100	01	
ES5051	Workshop Practice- I	E	--	--	02*	--	100	100	01	
ME5021	Engineering Graphics I	E	01	--	02*	--	100	100	02	
CS5011	Computer Fundamentals	PD	01	--	02	--	100	100	02	
GP801- GP 811	Language Proficiency I	GP	--	--	02	--	100	100	01	
<b>TOTAL</b>			<b>02</b>	<b>--</b>	<b>12</b>	<b>--</b>	<b>-</b>	<b>-</b>	<b>10</b>	
								<b>TOTAL CREDITS</b>		<b>24</b>

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<b>Course Structure</b>												
<b>Branch - Common to all branches</b>			<b>First Year Engineering</b>			<b>Semester - II</b>		<b>Academic Year - 2009-2010</b>				<b>Pattern - A</b>
<b>Theory Courses</b>												
Subject Code	Subject Name	Type	Teaching Scheme ( Hrs. / week)			Examination Scheme ( % Weightage)					Credits	
			Lectures	Tutorial	HA	Class Test	TA	MSE	ESE	Total		
ES0061	Engineering Mathematics II	ES	03	01	02	10	10	30	50	100	04	
ES0071	Physics II	ES	02	--	02	10	10	30	50	100	02	
ES0081	Chemistry II	ES	02	--	02	10	10	30	50	100	02	
ES0091	Engineering Mechanics	E	03	--	02	10	10	30	50	100	03	
ES0101	Elements of Electrical Engineering	E	03	--	02	10	10	30	50	100	03	
<b>TOTAL</b>			<b>13</b>	<b>01</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14</b>	
<b>Laboratory Courses</b>												
Subject Code	Subject Name	Type	Teaching Scheme ( Hrs. / Week)				Examination Scheme ( % Weightage)			Credits		
			Lectures	Tutorial	Lab.	HA	CA	Total				
ES5071	Physics II	ES	--	--	02*	--	100	100	01			
ES5081	Chemistry II	ES	--	--	02*	--	100	100	01			
ES5091	Engineering Mechanics	E	--	--	02	--	100	100	01			
ES5101	Elements of Electrical Engineering	E	--	--	02	--	100	100	01			
ES5111	Workshop Practice II	E	--	--	02*	--	100	100	01			
ME5521	Engineering Graphics II	E	01	--	02*	--	100	100	02			
CS5021	Computer Programming	PD	01	--	02	--	100	100	02			
GP801- GP 811	Language Proficiency II	GP	--	--	02	--	100	100	01			
<b>TOTAL</b>			<b>02</b>	<b>--</b>	<b>12</b>	<b>--</b>	<b>-</b>	<b>-</b>	<b>10</b>			
										<b>TOTAL CREDITS</b>	<b>24</b>	

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