

**Laboratory Course- VI**  
**Based on (BC61701 & BC61702)**

<b>Semester VI</b>	<b>Subject Code: BCP61706</b>	<b>Lectures: 60</b>
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<b>Objectives:</b>
<p>The syllabus aims in equipping students with,</p> <ul style="list-style-type: none"> <li>• Knowledge of developing web application using advance java</li> <li>• Knowledge of developing applet animation using multi threading</li> <li>• How to create cookies using PHP Programs</li> <li>• Developing programming skills using JavaScript</li> <li>• Learning how to develop database programs using Mysql , AJAX</li> </ul>

<b>Unit 1: Advance Java</b>	<b>24</b>
<ul style="list-style-type: none"> <li>• Assignment on Multithreading</li> <li>• Assignment on Multi threading using Applet</li> <li>• Assignment on servlet session handling</li> <li>• Assignment on servelt database connectivity</li> <li>• Assignment on basic jsp, using HTML</li> <li>• Assignment on jsp database connectivity</li> <li>• Assignment on socket Programing</li> <li>• Assignment on Angular JS</li> </ul>	

<b>Unit 2: Advance Web Technologies</b>	<b>24</b>
<ul style="list-style-type: none"> <li>• Assignment on self processing forms &amp; sticky forms in PHP</li> <li>• Assignment on Cookies &amp; Sessions in PHP</li> <li>• Assignment on databases &amp; Mysql in PHP</li> <li>• Assignment on framework &amp; Handling Email in PHP</li> <li>• Assignment on XML</li> <li>• Assignment on JavaScript</li> </ul> <p><b>Assignment on AJAX</b></p>	



**Reference Books:**

1. Programming PHP - Rasmus Lerdorf and Kevin Tatroe, O'Reilly publication
2. Beginning PHP 5 - Wrox publication
3. PHP web services - Wrox publication
4. Ajax Black Book, KoGent Solutions Inc.
5. Programming with JAVA - E Balgurusamy
6. The Complete Reference – JAVA Herbert Schildt

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