Course Title: **Enterprise Computing**

Semester and Year: **First Semester, Second Year, M Sc (IT)**

Credit Structure(L-T-P-Cr): **3-0-2-4**

Course Code: **IT618**

Prerequisites (if any): 

Instructor’s Name with email: **PM Jat, pm_jat@daiict.ac.in**

Course Objectives:
1. Understand Architectures of Modern Large Scale enterprise application
2. Build confidence in programming Java technologies that are used for creating enterprise applications.

Suggested Textbook/references:
5. Gutierrez, Felipe, Gutierrez, and Anglin. Pro Spring Boot 2. Apress, 2019

Mode of Delivery: Online through Google Meet

Evaluation Scheme

- Class Quizzes: 20%
- Lab Assessment (Ongoing): 20%
- Project: 40%
- End Semester Exam: 20%
### Tentative Lecture Plan:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
<th>No. of Hours</th>
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<tbody>
<tr>
<td>1.</td>
<td>Java Overview</td>
<td>3</td>
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<tr>
<td>2.</td>
<td>Multitier Applications</td>
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<td>3.</td>
<td>JDBC API</td>
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<td>4.</td>
<td>Java Persistence API</td>
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<td>Servlet Framework (J2EE presentation tier objects)</td>
<td>8</td>
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<td>6.</td>
<td>RPC, RMI and Middleware</td>
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<td>7.</td>
<td>XML Technologies</td>
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<td>8.</td>
<td>Web-Services</td>
<td>5</td>
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<td>9.</td>
<td>J2EE business and integration tier objects</td>
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<td>10.</td>
<td>Case Studies and Demonstrations</td>
<td>3</td>
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<td><strong>39</strong></td>
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