## Autonomous Program Structure of Final Year B. Tech. (Information Technology) Academic Year: 2019-2020 Onwards

**Final Year B. Tech. (IT) Semester – 7**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Lecture</th>
<th>Tutorial</th>
<th>Practical</th>
<th>In Semester</th>
<th>End Semester</th>
<th>Oral</th>
<th>Practical</th>
<th>Marks</th>
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<td>Software Architecture &amp; Design Patterns</td>
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<td>Cloud Computing</td>
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<td>Green Computing*</td>
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<td>OE 4101</td>
<td>Open Elective –I</td>
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*Advanced Entrepreneurship Development**

**Prerequisite: Basic Course ED**

OE 4101 Open Elective-I

1. Software Testing and Quality assurance