## Value Addition Program for Academic Year 2016-17

<table>
<thead>
<tr>
<th>SEM</th>
<th>Computer /Electronics/Electrical</th>
<th>E&amp;TC</th>
<th>Electrical</th>
<th>Civil</th>
<th>Mech</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 2</td>
<td>C Programming</td>
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<tr>
<td>Sem 3</td>
<td>C#+ASP.NET</td>
<td>Matlab</td>
<td>Matlab</td>
<td>AutoCAD 2D+3D</td>
<td>Basic Creo/Basic Catia</td>
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<tr>
<td>Sem 4</td>
<td>IoT using Python</td>
<td>AVR Microcontroller</td>
<td>E Wire</td>
<td>ETAB+SAFE+SAP 2000</td>
<td>Advanced Creo/Advanced Catia</td>
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<tr>
<td>Sem 5</td>
<td>Java + Advanced Java</td>
<td>Arm 7</td>
<td>PLC/SCADA</td>
<td>Revit/StaadPro</td>
<td>Basic Ansys/Scala Robot</td>
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<tr>
<td>Sem 6</td>
<td>Angular JS/Node JS</td>
<td>IoT with Python, Raspberry Pi</td>
<td>PIC Microcontroller</td>
<td>Civil FEM</td>
<td>Advanced Ansys/Advanced Robot</td>
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<tr>
<td>Sem 7</td>
<td>Business Intelligence</td>
<td>PLC/SCADA</td>
<td>Unconventional Energy Sources-I</td>
<td>Sever Gems/Primavera</td>
<td>Mechatronics-I</td>
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<td>Sem 8</td>
<td>Big Data &amp; Hadoop</td>
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<td>Unconventional Energy Sources-II</td>
<td>Water GEMS</td>
<td>Mechatronics-II</td>
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<tr>
<td>Special VAP in January 2017</td>
<td>DataXU by Prof. Sunanda (Data Scientist USA) &amp; IoT by Prof. Raju (PI, GE Research Lab, USA)</td>
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