

## Program Structure - M. Sc. IT

Semester I	Semester II	Semester III	Semester IV
<ul style="list-style-type: none"> <li>• Mobile Computing</li> <li>• Digital Graphics &amp; Design</li> <li>• Data Communication &amp; Networks</li> <li>• Enterprise Database System</li> <li>• Java programming</li> <li>• SoL</li> </ul>	<ul style="list-style-type: none"> <li>• Project – I</li> <li>• Service Oriented Architecture</li> <li>• Web Technologies using PHP</li> <li>• Distributed System</li> <li>• Artificial Intelligence</li> <li>• Programming in C# on .Net MVC</li> <li>• SoL</li> </ul>	<ul style="list-style-type: none"> <li>• Project - II</li> <li>• ELECTIVE - I</li> <li>• ELECTIVE - II</li> <li>• Big Data &amp; IoT</li> <li>• Software Testing Tools</li> <li>• Cyber Security and Forensic</li> <li>• SoL</li> </ul>	<ul style="list-style-type: none"> <li>• Major Project</li> </ul>

\*\* Two Electives subjects in the 3rd Semesters to make total of 15 Subjects.

<b>*Elective Subjects for Semester 3</b>	
<ul style="list-style-type: none"> <li>• Data Analytics</li> <li>• Automata Theory</li> <li>• Compiler Design</li> <li>• Applied Machine Learning in Python</li> <li>• Neural Network &amp; Fuzzy Logic</li> <li>• Data Mining and Analytics</li> <li>• Wireless Technologies</li> </ul>	<ul style="list-style-type: none"> <li>• Android Programming using Android Studio</li> <li>• Programming using C# with .NET framework</li> <li>• Linux Administration</li> <li>• Unified Modelling Language</li> <li>• Mobile Application Development (iOS)</li> <li>• Data Mining Tools</li> </ul>

\*AURO University reserves the right to change the course curriculum