

**Course Name: Big Data Technology (Cluster Elective),**

**Year: III, Semester: VI**

<b>Semester</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Hours</b>	<b>Credits</b>
VI	C9	Big Data Technology	60	3

**Course Objectives:**

The Objective of this course is to provide practical foundation level training that enables immediate and effective participation in big data projects. The course provides grounding in basic and advanced methods to big data technology and tools, including MapReduce and Hadoop and its ecosystem.

**Course Outcomes:**

- 1.Learn tips and tricks for Big Data use cases and solutions.
- 2.Learn to build and maintain reliable, scalable, distributed systems with Apache Hadoop.
- 3.Able to apply Hadoop ecosystem components.