

DATA ANALYTICS & VISUALIZATION

SYLLABUS

DEPARTMENT: DEPARTMENT OF COMPUTER SCIENCE

NAME OF COURSE: DATA ANALYTICS & VISUALIZATION

COURSE CODE: CPCC04

TOTAL HOURS: 30

UNIT-I

- (i) Business models.
- ii) Data Analysis.
- iii) Advanced Excel tools for analytics.
- iv) Data retrieval and Consolidation.

UNIT- II

- i) Model building and Automation.
- ii) Data visualization using Power BI and Tableau
- iii) Data preparation.

UNIT -III (10 HOURS)

- i) Managing Metadata.
- ii) Data Blending.
- iii) Dashboards & Stories.
- iv) Application of R and Python in Data Science.

Technical Specifications – The entire participant should have laptop with MS Office.

We will provide all the analytics software and data support.