Course code: BMGT E2045
Title: Statistics for Management
Aim: To; (i) introduce the statistical concepts and methods for solving real business problems,
(ii) enhance the knowledge of statistics in business management,
(iii) develop analytical skills, and the ability to use statistical techniques for solving real business problems.

Learning Outcome:
On completion of this course unit, students should be able to:

- Identify the various statistical techniques available for analyzing data
- Describe and explain how to make business decisions under uncertainties
- Demonstrate the skills of analyzing and interpreting data related to business management
- Apply descriptive and inferential techniques to research work in business and other related fields

Content:
Nature and scope of statistics; Statistic and Business Decisions
Statistical Data, Types of statistical Data. Collection of Data;
Sources of data- Primary and Secondary, Methods of collecting Data, Sample Investigation, Designing Questionnaires.
Organization and Presentation of Data; Classification of Data, Raw Data, Frequency Distribution, Table as a Data presentation Medium, Presentation of Data through Graphs, Histogram, Cumulative Frequency curve. Data Analysis;
Measures of Central Tendency(Mean, Median,Mode), Positional Values, Geometric Values, Harmonic Mean. Measures of Dispersion; Range, quartile Deviation, Median

Method of Teaching and Learning:
Lectures, Seminars

Scheme of Evaluation:
Examination, Assignments

Recommended Readings:

Bowerman B.C., O’Connel R., Murphree E. S, Orris J.B.(2012). Essentials

