



AUXILIUM COLLEGE (Autonomous)

(Accredited by NAAC with A' Grade in the 4th cycle)
Gandhi Nagar, Vellore – 632 006, Tamil Nadu, India

PG & Research Department of Mathematics

Offers

VALUE ADDED COURSE

on

APPLICATIONS OF DATA ANALYTICS

(Course Code: VACMAAD25)



Semester: Odd Semester

2025 - 2026

Course Objectives:

- To develop the skills necessary for practicing Data Science, including bivariate and multivariate techniques, real-time projects, and case studies.
- To deepen students' understanding of methods for collecting, analyzing, and summarizing data relevant to solving data-related problems, augmented with lectures, research notes, and additional case studies.
- To enhance students' proficiency in the R programming language and train them in the R software environment for statistical computing and graphics, developed by the R Foundation.

Course Outcomes:

The Learners will be able to

- Build their career in Data Science and related fields.
- Work as freelancers by undertaking Data Analysis and Data Science projects.
- Develop skills in R Programming using an interactive environment.
- Design and implement simple sorting algorithms.

Topics Covered:

- Data Science Introduction
- Data Visualization Using Tableau
- Data Science Introduction Using R Software
- Data Visualization Using R Software
- Time Series & Correlation Analysis Using R software

Course Duration: 30 Hours

Course fee: Rs. 500/-

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Course Coordinator

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Course Instructor

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