



A.S.D. Government Degree College for Women **An Autonomous Institution**

Jagannaickpur, Kakinada, Andhra Pradesh-533002
Affiliated to Adikavi Nannaya University, Rajamahendravaram



INTERNAL QUALITY ASSURANCE CELL

2.6.1. The institution has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the institution.

శ్రీ విద్యా ప్రవర్ధనాం

STATISTICS
COURSE OUTCOMES
(2018-23)

A.S.D.GOVERNMENT DEGREE COLLEGE FOR WOMEN
AUTONOMOUS ,KAKINADA



DEPARTMENT OF STATISTICS

COURSE OUTCOMES

2022-23

A.S.D.GOV.T.DEGREE COLLEGE FOR WOMEN (A)

Department of Statistics

2022-23

COURSE OUTCOMES

Paper:1

Course: Descriptive Statistics

Course Outcomes:

Students will acquire:

CO1: knowledge of Statistics and its scope and importance in various areas such as Medical, Engineering, Agricultural and Social Sciences etc.

CO2: knowledge of various types of data, their organization and evaluation of summary measures such as measures of central tendency and dispersion etc.

CO3: knowledge of other types of data reflecting quality characteristics including concepts of independence and association between two attributes,

CO4: insights into preliminary exploration of different types of data.

CO5: Knowledge of correlation, regression analysis, regression diagnostics, partial and multiple correlations.

Paper:2

Course: Probability Theory and Distributions

Course Outcomes:

CO1: Students at the successful completion of the course shall be able to acquire

CO2: Ability to distinguish between random and non-random experiments,

CO3: Knowledge to conceptualize the probabilities of events including frequentist and axiomatic approach. Simultaneously, they will learn the notion of conditional probability including the concept of Bayes' Theorem,

CO4: knowledge related to concept of discrete and continuous random variables and their probability distributions including expectation and moments,

CO5: knowledge of important discrete and continuous distributions such as Binomial, Poisson, Geometric, Negative Binomial and Hyper-geometric, normal, uniform, exponential, beta and gamma distributions



PRINCIPAL
A.S.D.GOV'T.DEGREE COLLEGE (W)
AUTONOMOUS