VISVODAYA GOVT. DEGREE COLLEGE, VENKATAGIRI
SPSR. NELLORE DISTRICT

DEPARTMENT OF STATISTICS

SEMESTER – I, PAPER-I : DESCRIPTIVE STATISTICS

CO1: The students learn basic concepts of statistics

CO2: The students to learn how to construct and analyze graphical display to summarize data

CO3: The students should gain knowledge how to understand and utilize basic concepts of probability including independence & conditional probability.

CO4: The students become familiar with how to learn & apply the probability theorems

CO5: The students should gain knowledge of random variables.

SEMESTER – II, PAPER-II: MATHEMATICAL EXPECTATION & PROBABILITY DISTRIBUTION

CO1: Student can easily understand the mathematical expectation

CO2: The students to learn how to analyze the assumptions of discrete distribution.

CO3: Negative binomal distribution is very easy to understand the students it is familiar to the binomial distribution.

CO4: continuous distribution is also gain the knowledge about distributions.

CO5: The students to know the approximate binomial probabilities using and incorporating a continually correction as appropriate.

SEMESTER – III, PAPER-III : STATISTICAL METHODS

CO1: The students to know the knowledge about the identifying a possible relationships in bivariate data from a scatter plot.

CO2: The students to recognize and evaluate the relationship between two quantitative variables through simple linear correlation and regression.

CO3: The students to know the knowledge about curve fitting

CO4: students can easily understand the attributes.

CO5: Students are bebefited in the exact sampling distribution.

SEMESTER – IV, PAPER-IV: STATISTICAL INFERENCE

CO1: The students to know the knowledge about theory of estimation

CO2: students can easily understand the concepts of statistical hypothesis

CO3: The students should gain the large sample test.

CO4: The students to learn how to construct the small sample test.

CO5: The students should gain knowledge about the Non-Parametric test.

SEMESTER – V, PAPER-V: SAMPLING TECHNIQUES & DESIGN OF EXPERMENT

CO1: The students learn the basic concepts of sampling theory.

CO2: The students to learn how to construct and analyze simple random sampling.

CO3: The students become familiar with the stratified random sampling.

CO4: The students should gain the knowledge of analysis of variance.

CO5: The students learn the basic concepts of design of experiments.

SEMESTER – VI : PAPER-VI: QUALITY & RELIABILITY

CO1: Students can easily understand the introduction of statistical quality control.

CO2: The students learn the variable control charts

CO3: The students become familiar with acceptance sampling plans.

CO4: The students should gain the sampling plans.

CO5: The students should must know the implement probability theory to examine reliability.